

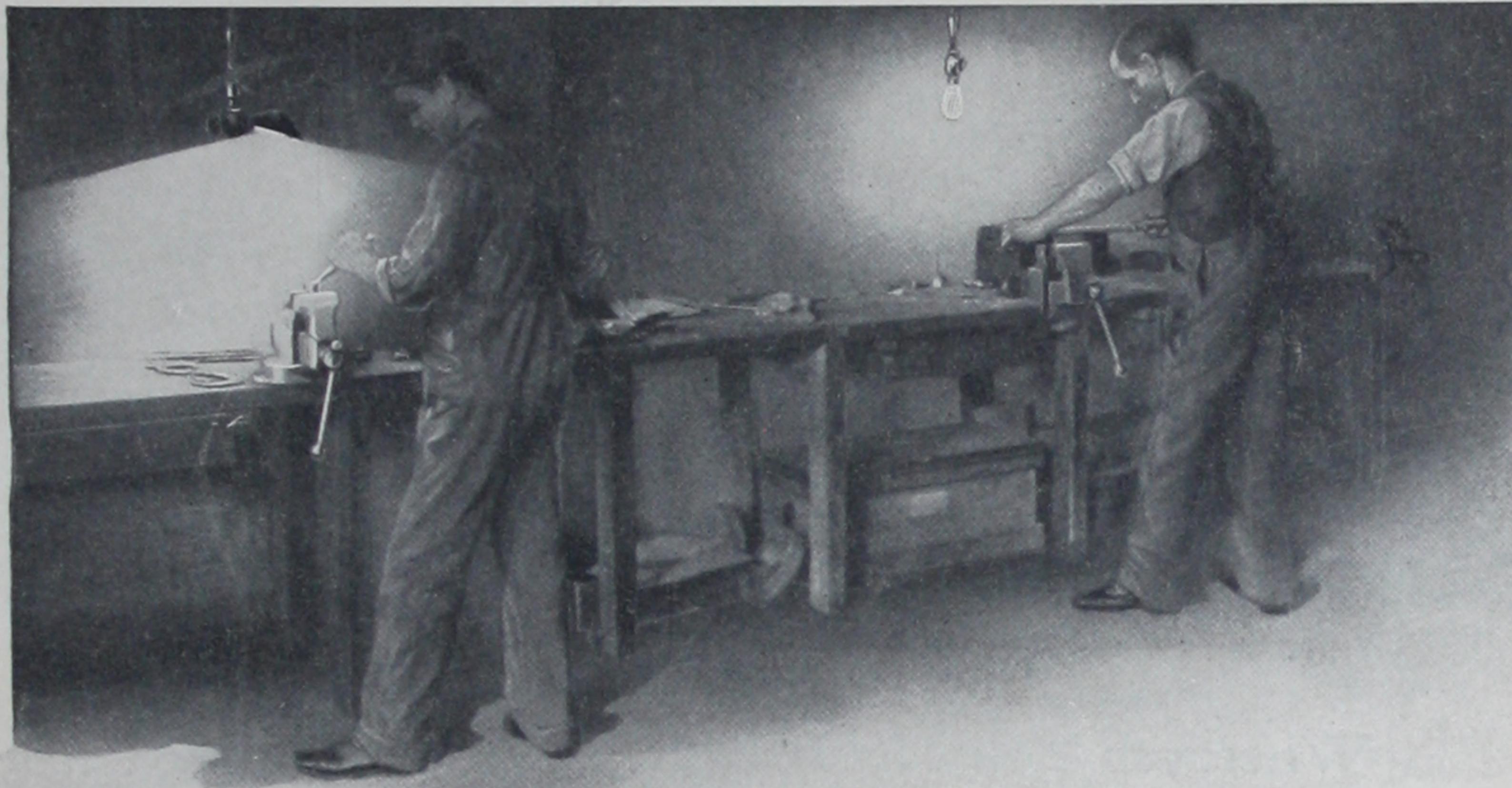
380-9.

Carl Hering
Feb. 26, 1908

D'OLIER

Bulletin No. 26

Light shades

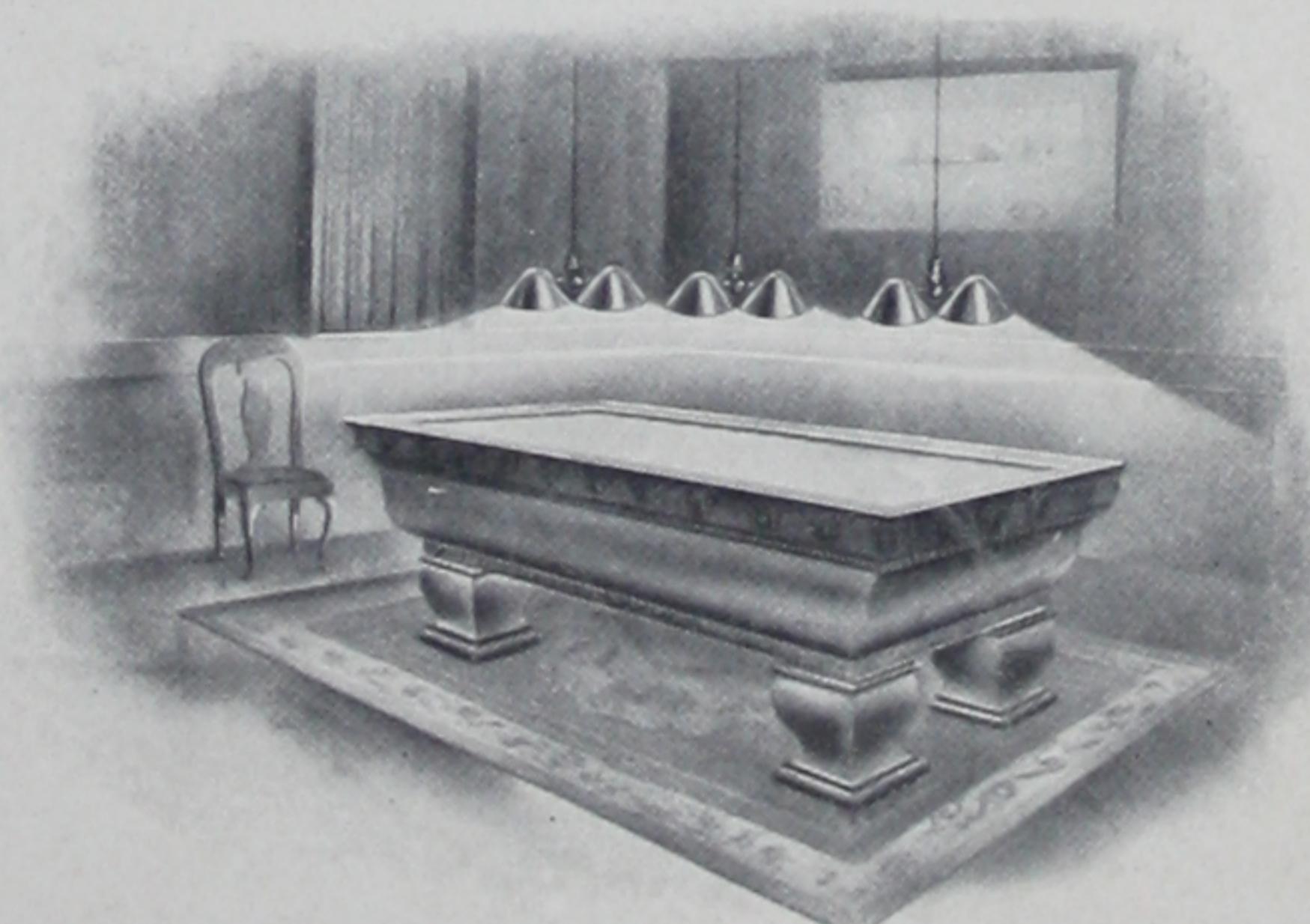


An eight-candle-power lamp, with a D'OLIER UNIVERSAL SOCKET AND SHADE, gives good light where needed—no glare, and protection to the eyes of the user.

While a sixteen-candle-power lamp, used in the ordinary way, gives a small amount of light on the work, with a bright light on the face, causing the eyes of the user to be strained.

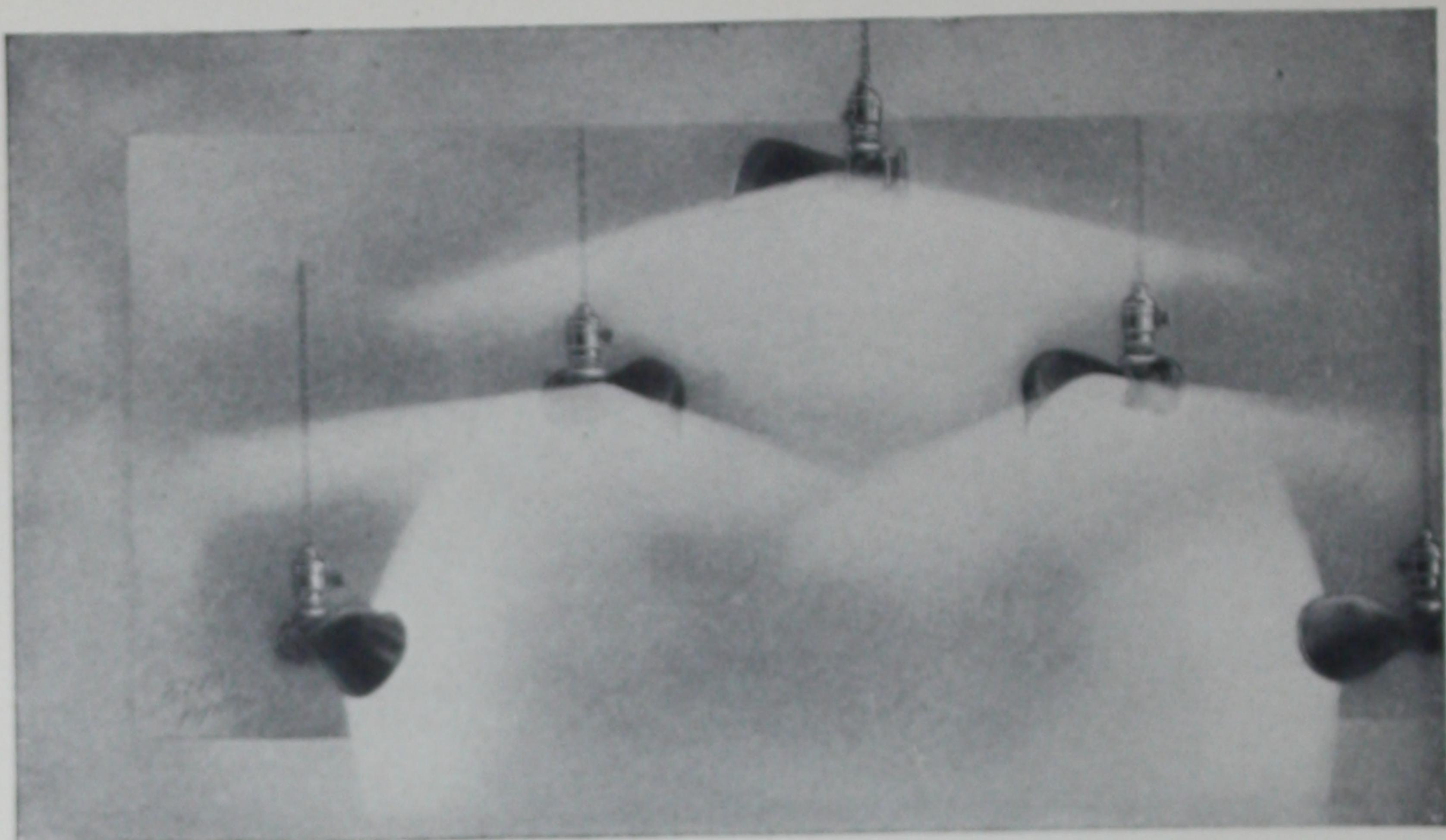
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No. 1002, Standard Finish, \$2.20
Add 10% for Special Finish. See page 16

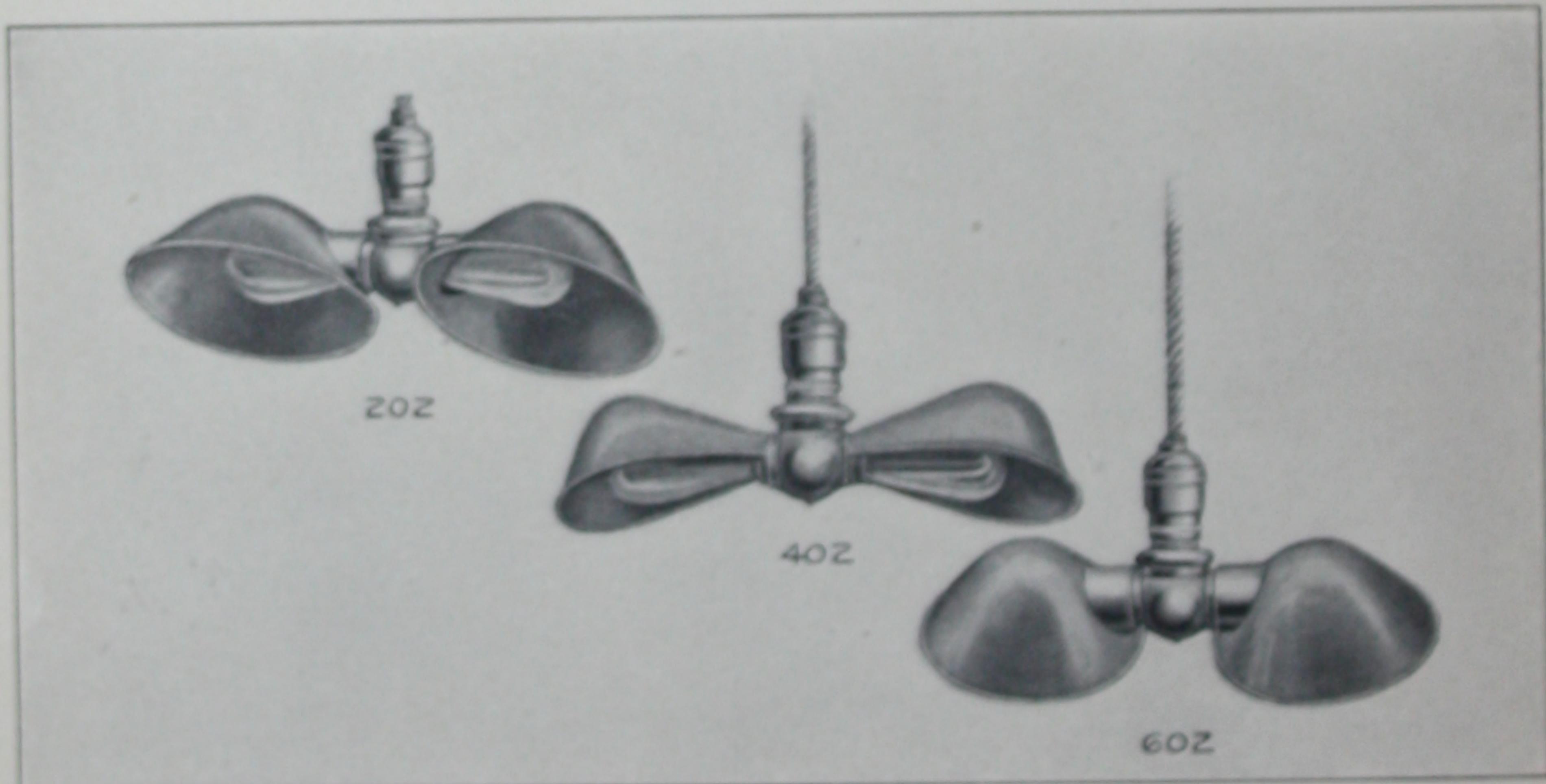
Universal Sockets and Shades



No. 302

Wherever You Need Light You Want Light

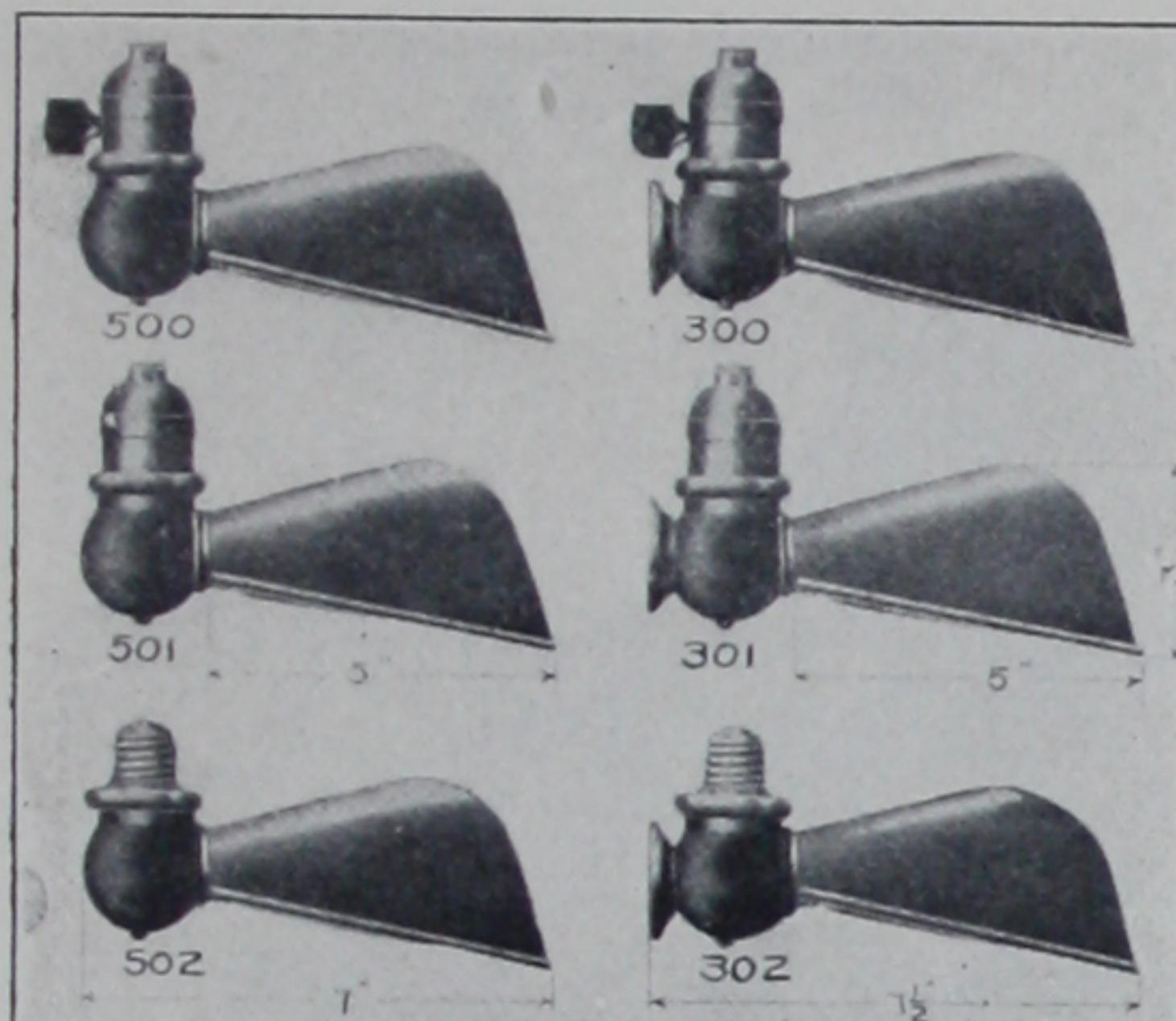
The D'OLIER UNIVERSAL SOCKETS and SHADES will suspend the lamps in an horizontal position, allowing them to be rotated around the axis of the cord or socket, and the shade will rotate around the lamp, thus enabling a well-diffused white light to be obtained in any desired direction.



Style Nos. 202, 402 and 602 D'Olier Universal Sockets and Shades

are shown above in three different positions. These fittings may be attached to any socket, and the lamps may be rotated around the axis of its suspension, and the shades rotated around the lamp, thus giving light in any desired location.

Universal Sockets and Shades



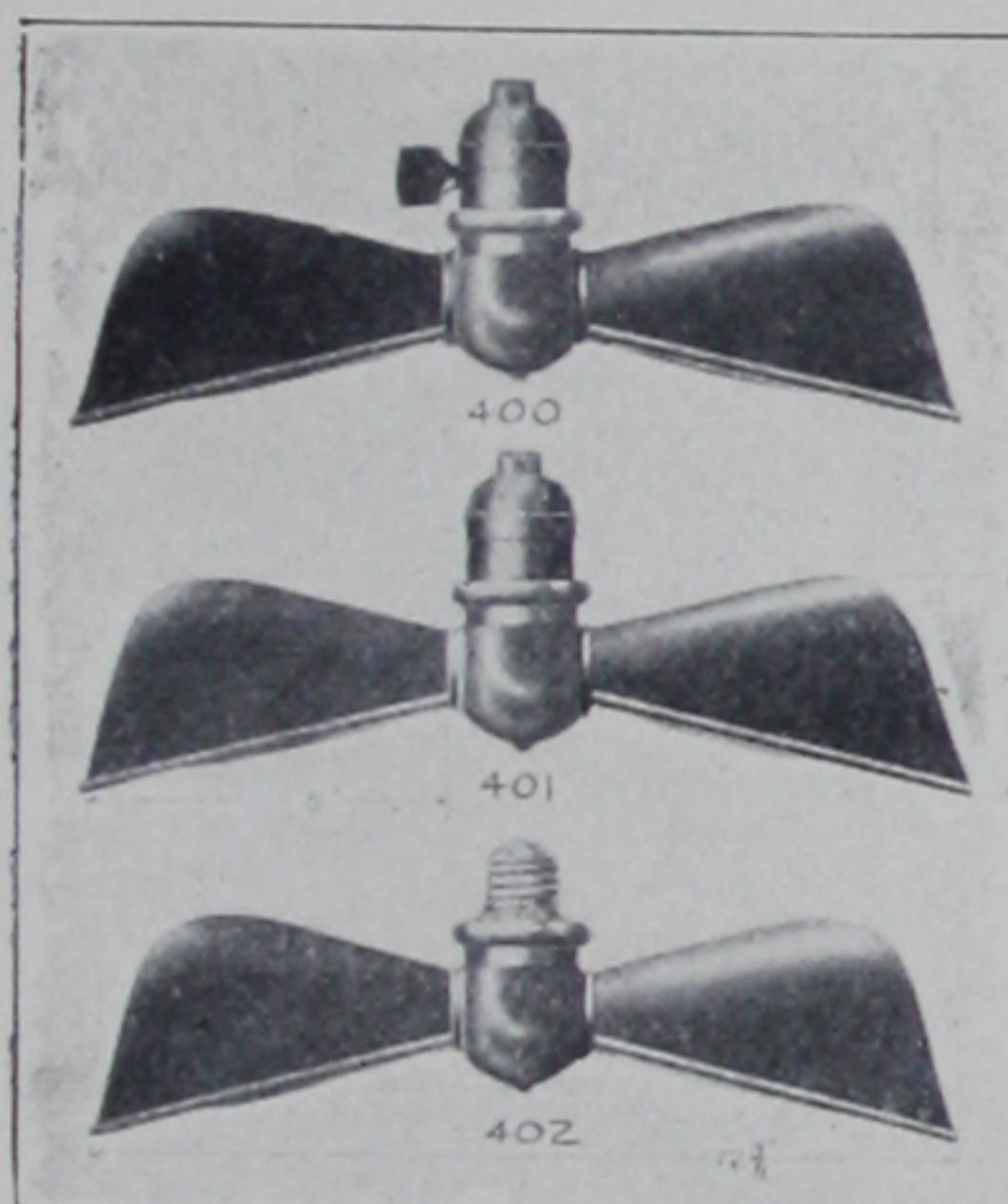
Unbalanced or Balanced (Weight Inside)

No.	Standard Finish	Special Finish
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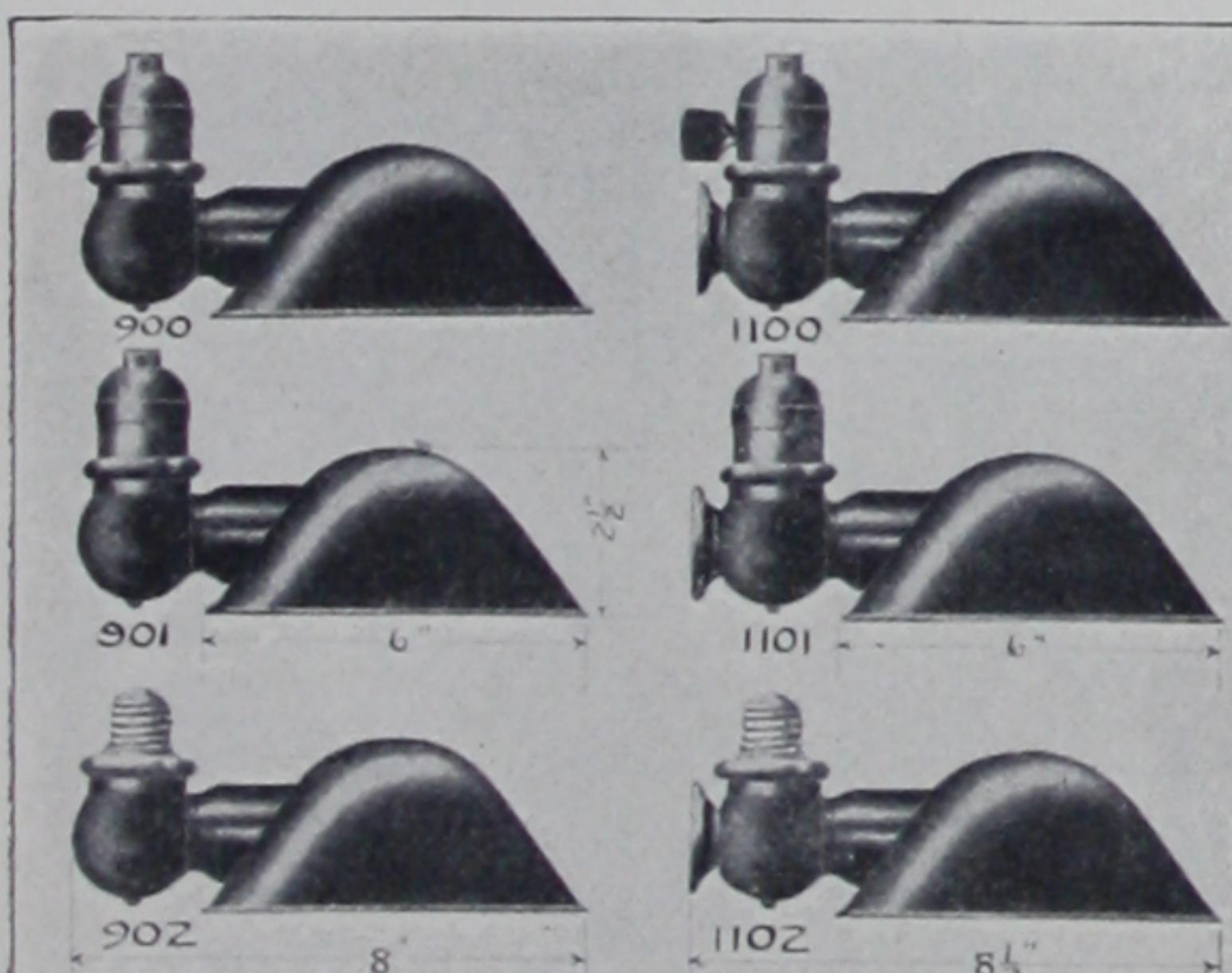
500 Key Socket, . . .	\$1.30	\$1.43
501 Keyless Socket, . . .	1.20	1.32
502 Attachment Plug, . . .	1.00	1.10

Balanced (Weight Outside for Portable Base)

300 Key Socket, . . .	\$1.30	\$1.43
301 Keyless Socket, . . .	1.20	1.32
302 Attachment Plug, . . .	1.00	1.10



400 Key Socket, . . .	\$1.50	\$1.65
401 Keyless Socket, . . .	1.40	1.54
402 Attachment Plug, . . .	1.20	1.32

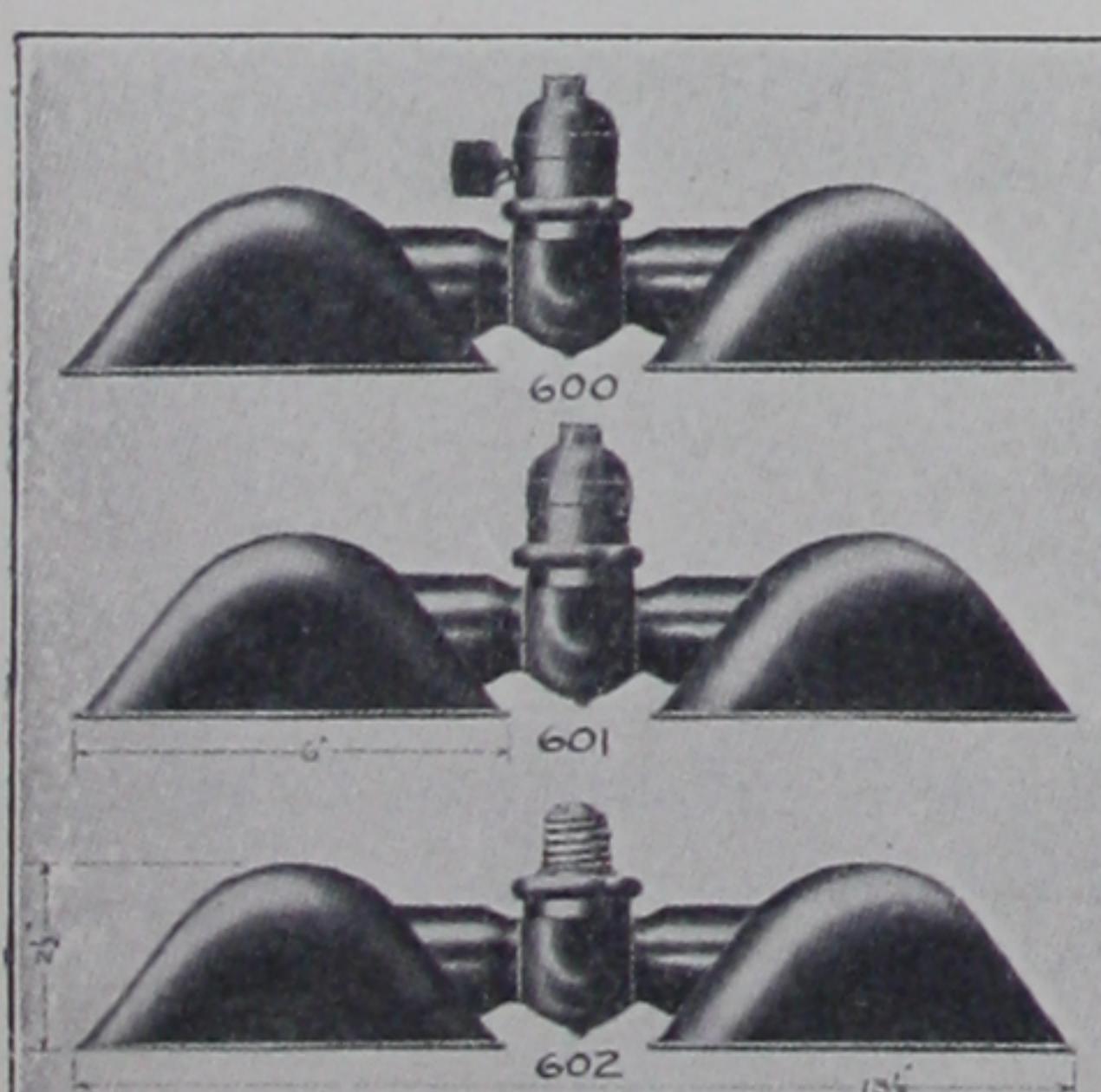


Balanced or Unbalanced (Weight Inside)

900 Key Socket, . . .	\$1.90	\$2.09
901 Keyless Socket, . . .	1.80	1.98
902 Attachment Plug, . . .	1.60	1.76

Balanced Outside

1100 Key Socket, . . .	\$1.90	\$2.09
1101 Keyless Socket, . . .	1.80	1.98
1102 Attachment Plug, . . .	1.60	1.76



600 Key Socket, . . .	\$2.20	\$2.42
601 Keyless Socket, . . .	2.10	2.31
602 Attachment Plug, . . .	1.90	2.09

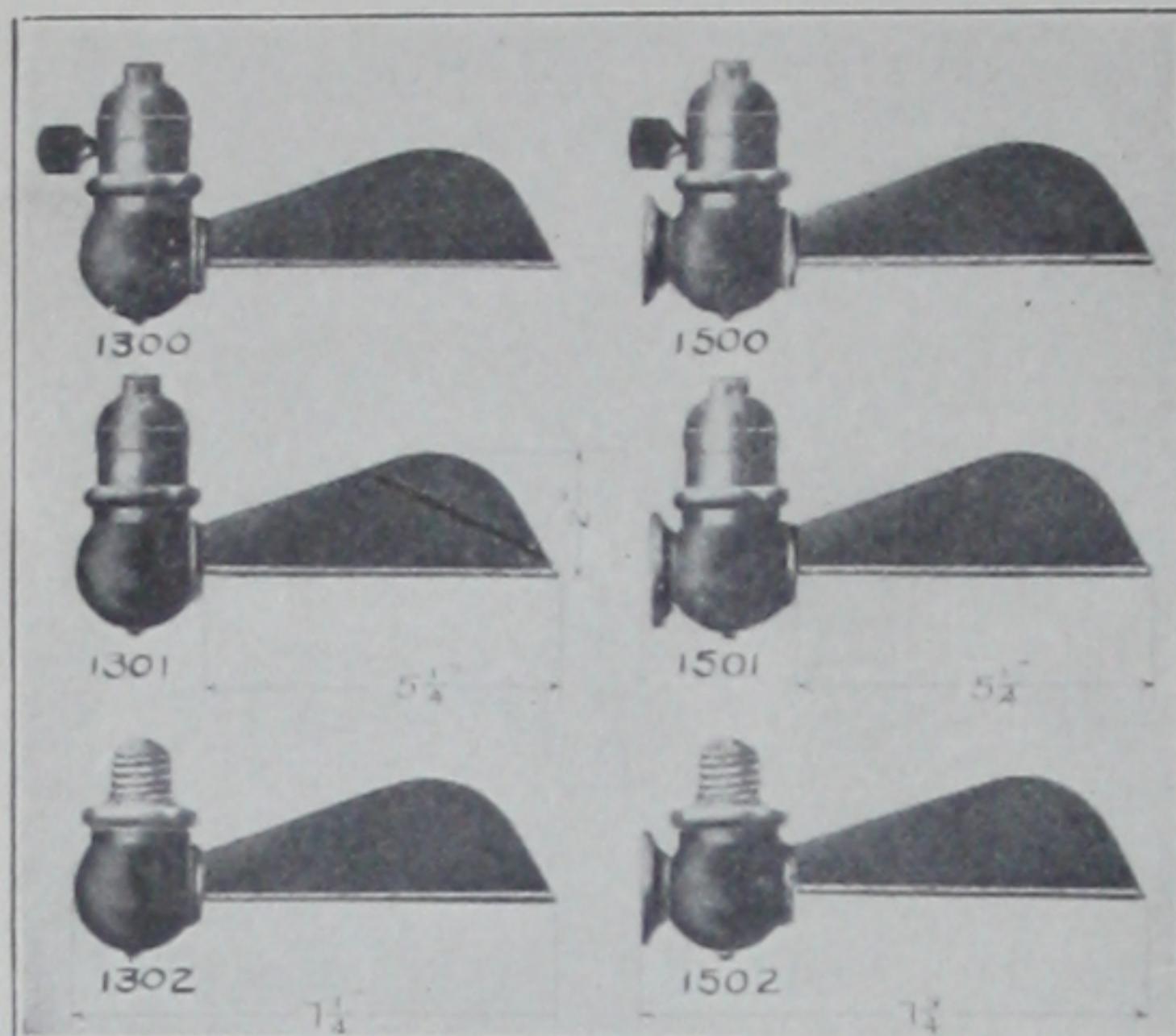
Standard Finish—Brass and Green

Special Finish—See Page 16

Standard Package—25—One Style—
One Finish

D'Oliver

Universal Sockets and Shades



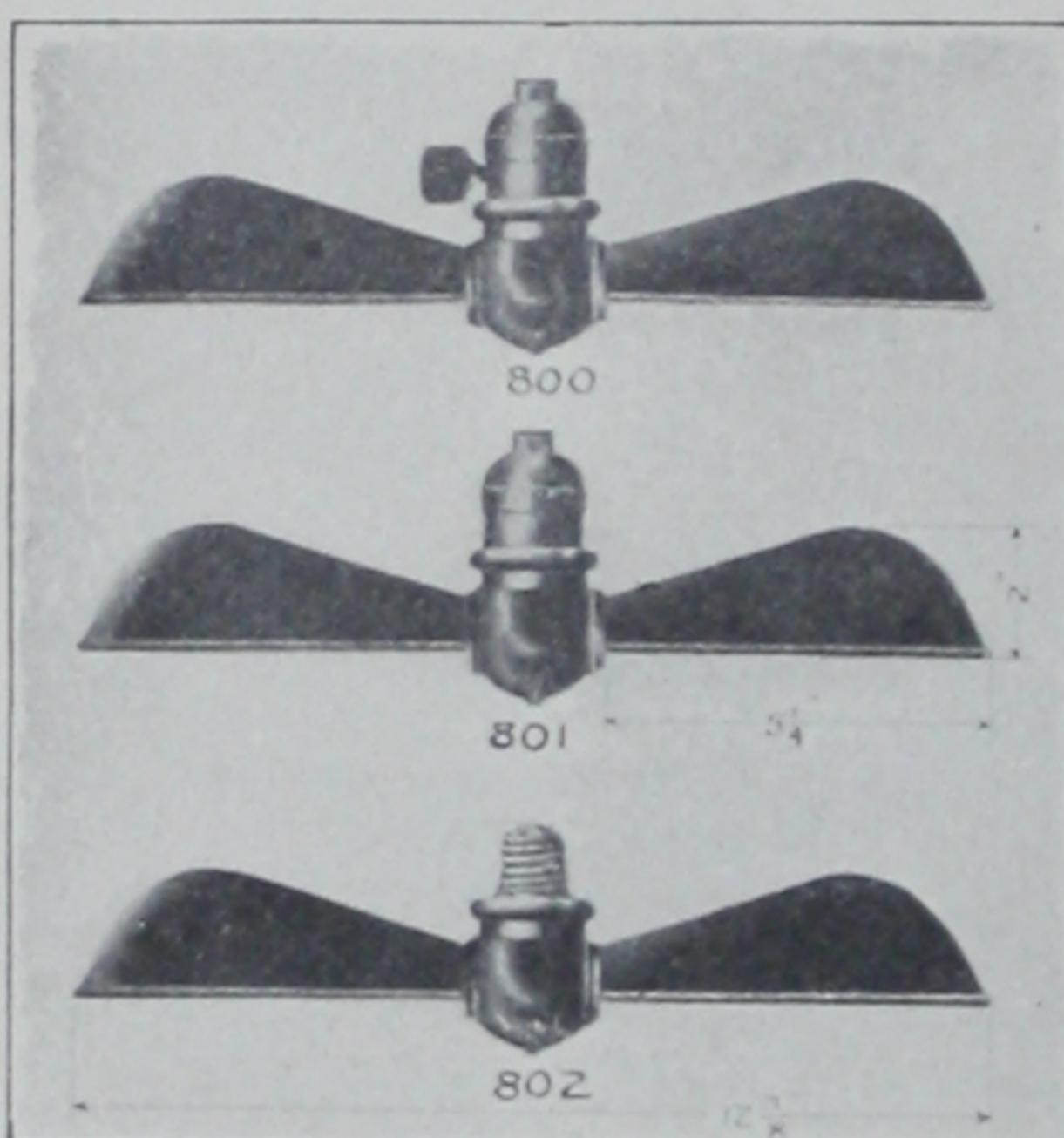
**Unbalanced or Balanced
(Weight Inside)**

No.	Standard Finish	Special Finish
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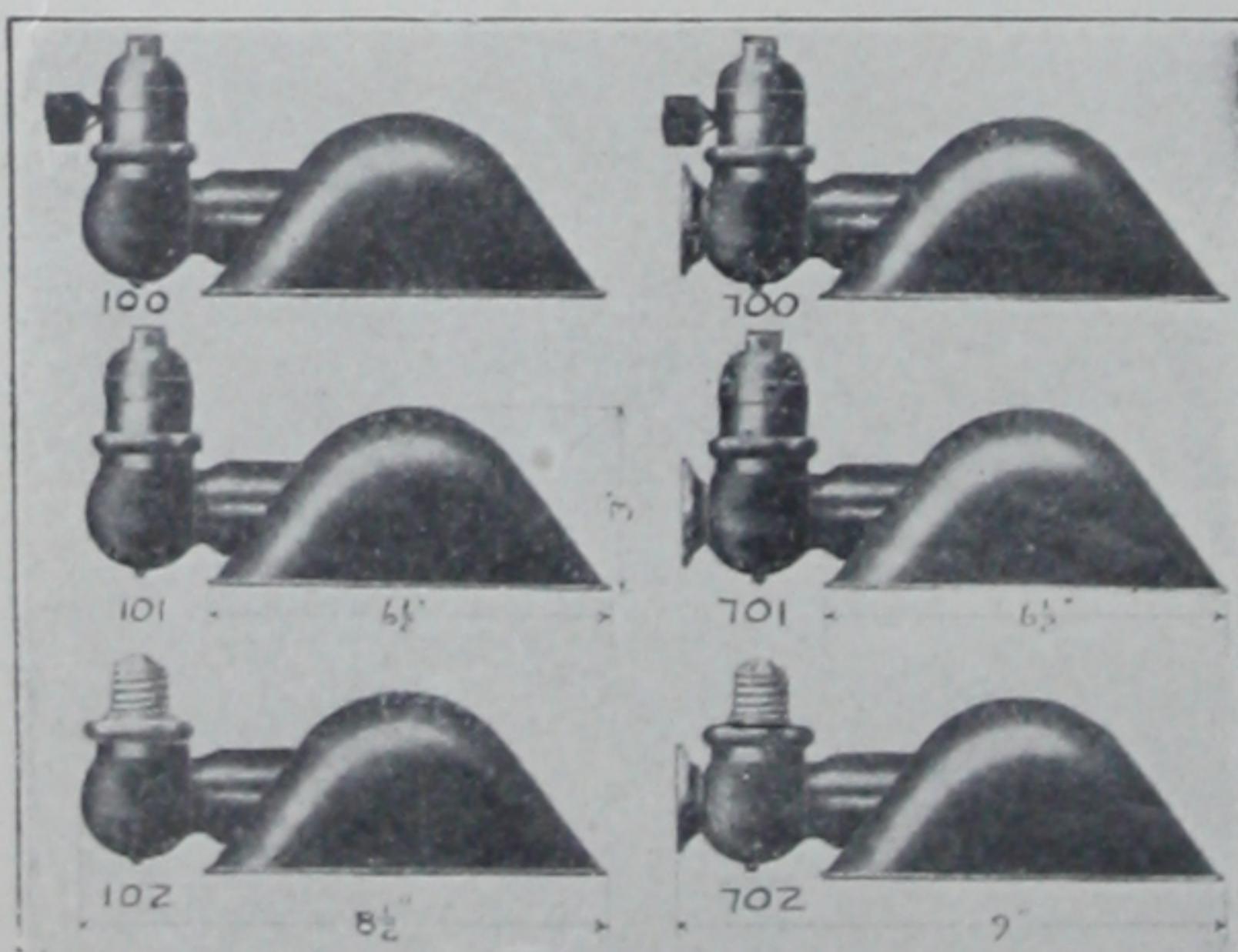
1300 Key Socket, . . .	\$1.30	\$1.43
1301 Keyless Socket, . . .	1.20	1.32
1302 Attachment Plug, . . .	1.00	1.10

**Balanced (Weight Outside for
Portable Base)**

1500 Key Socket, . . .	\$1.30	\$1.43
1501 Keyless Socket, . . .	1.20	1.32
1502 Attachment Plug, . . .	1.00	1.10



800 Key Socket, . . .	\$1.50	\$1.65
801 Keyless Socket, . . .	1.40	1.54
802 Attachment Plug, . . .	1.20	1.32

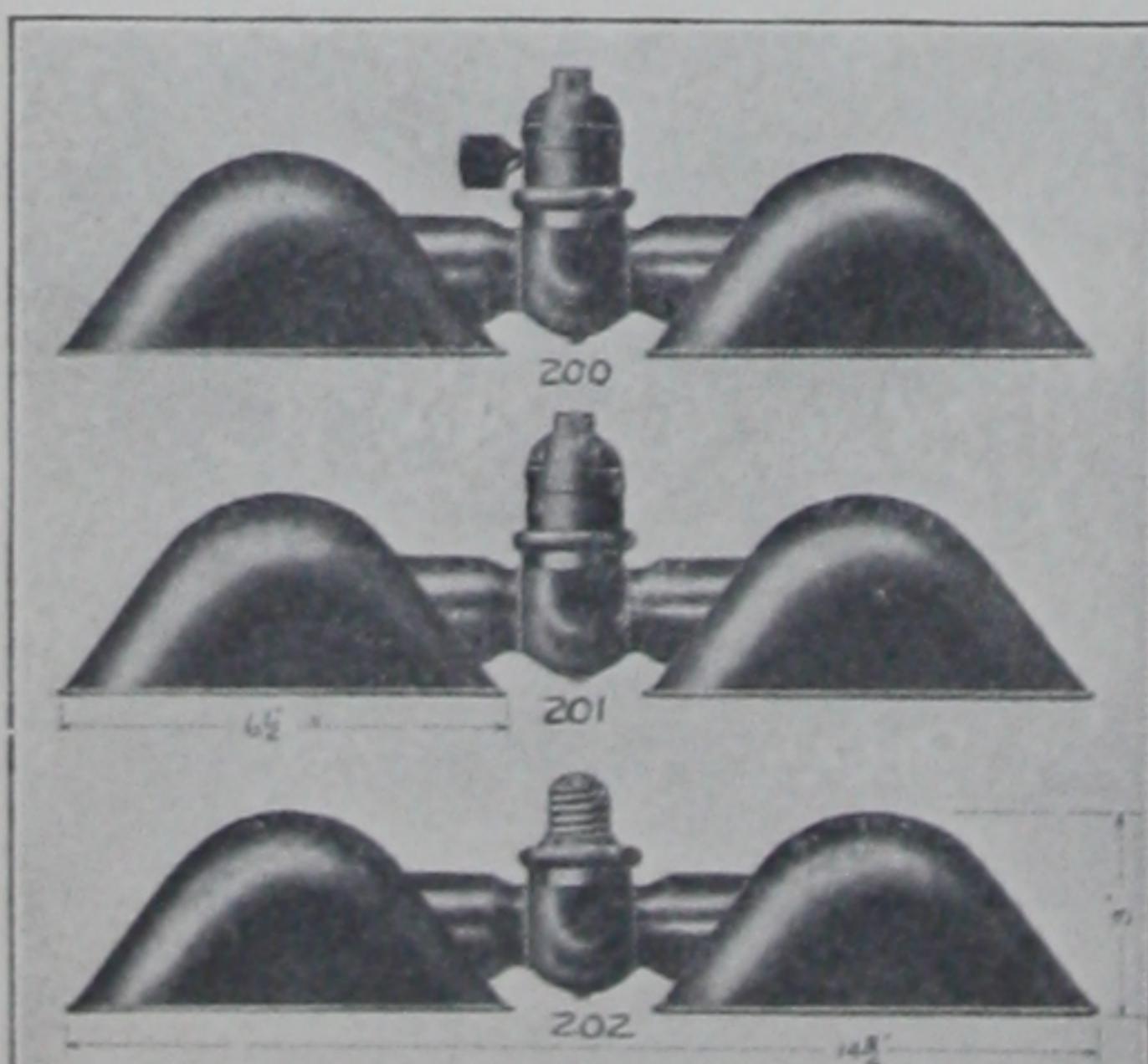


**Balanced Enamel Shade Only
Unbalanced All Other Finishes**

100 Key Socket, . . .	\$2.00	\$2.20
101 Keyless Socket, . . .	1.90	2.09
102 Attachment Plug, . . .	1.70	1.87

Balanced Enamel Shade Only

700 Key Socket, . . .	\$2.00
701 Keyless Socket, . . .	1.90
702 Attachment Plug, . . .	1.70



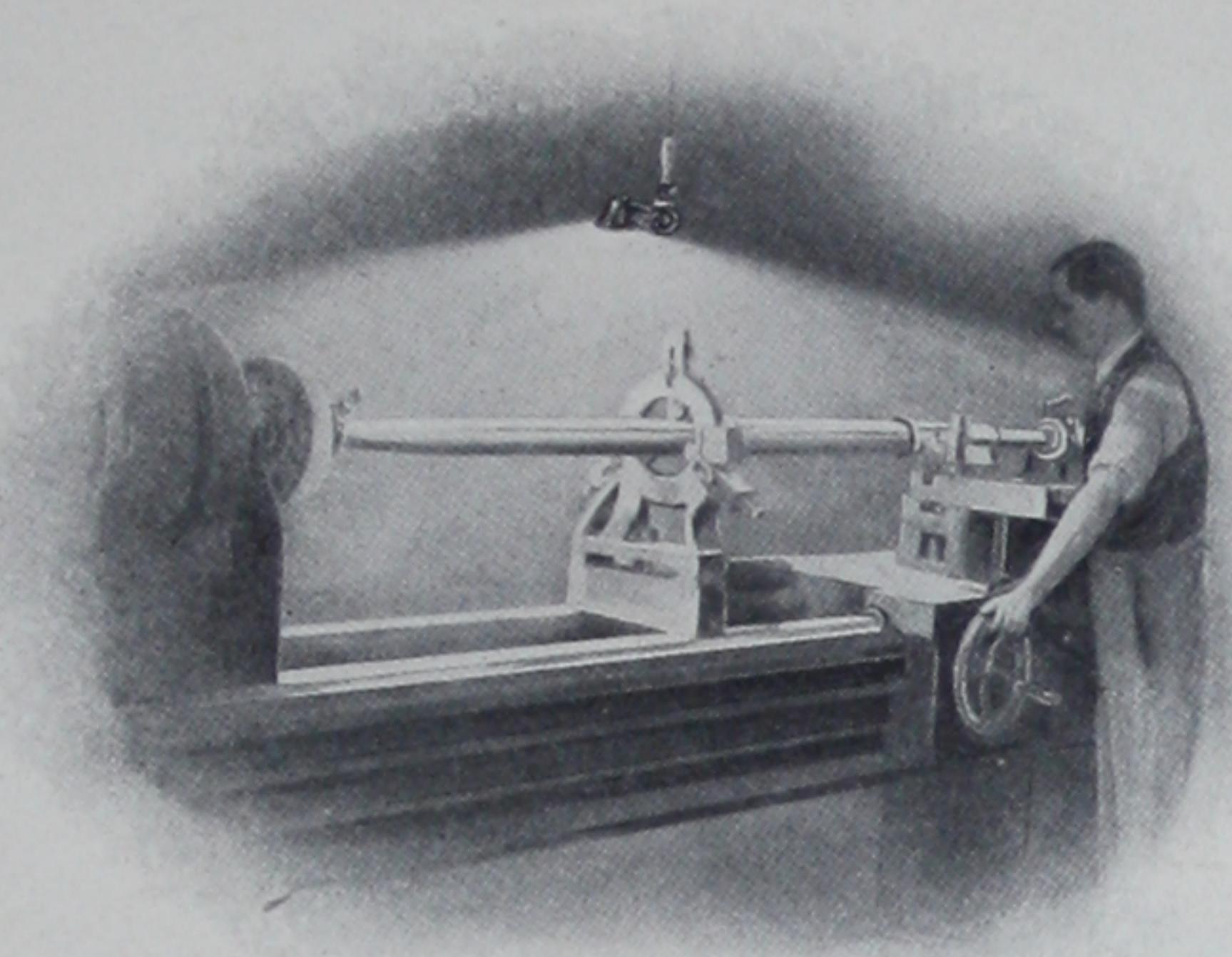
200 Key Socket, . . .	\$2.30	\$2.53
201 Keyless Socket, . . .	2.20	2.42
202 Attachment Plug, . . .	2.00	2.20

Standard Finish—Brass and Green

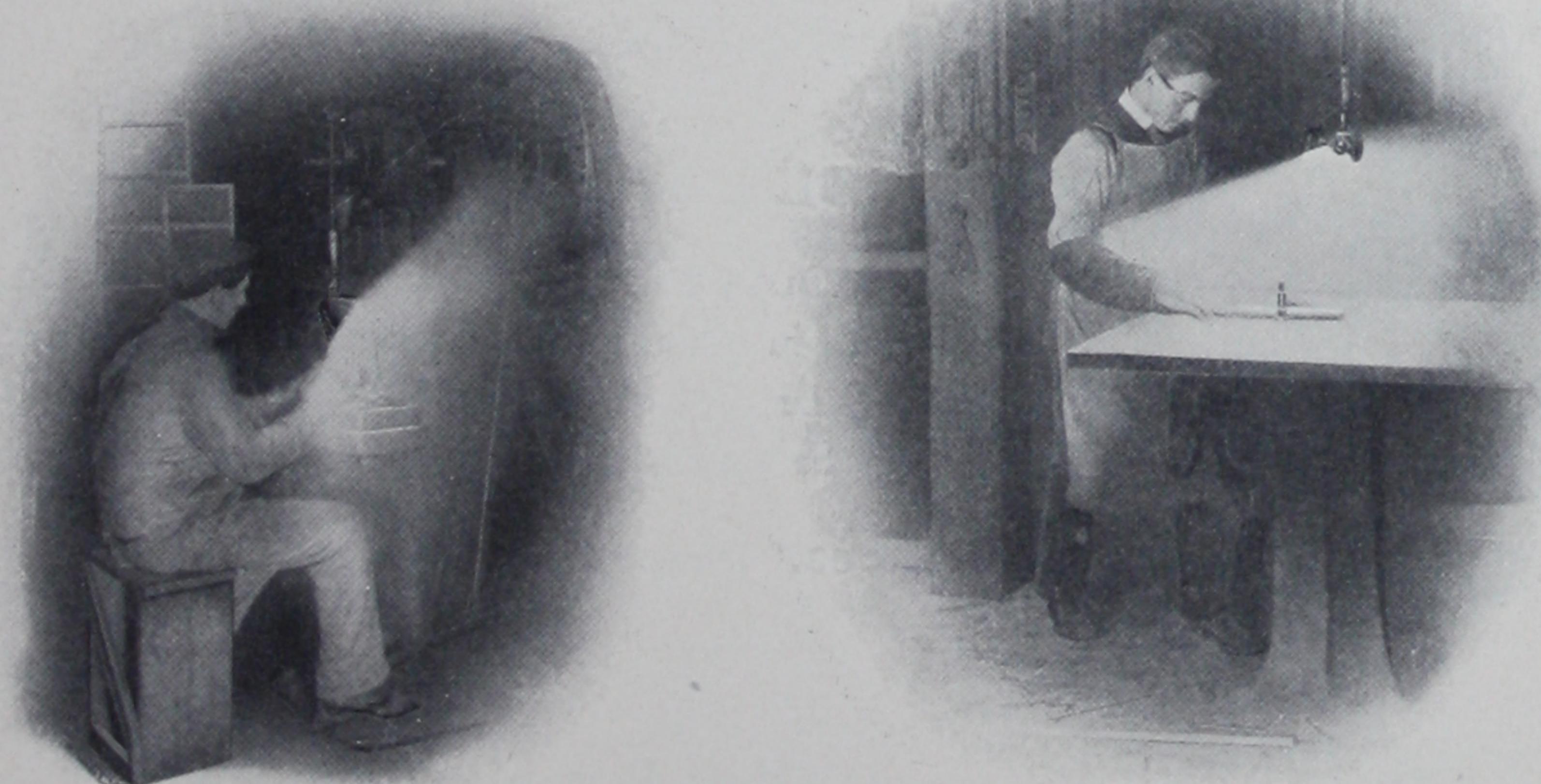
Special Finish—See Page 16

**Standard Package—25—One Style—
One Finish**

Universal Sockets and Shades



The above light is not exaggerated ; when a lamp is used with the D'OLIER UNIVERSAL SOCKET AND SHADE, a very large area is well lighted.

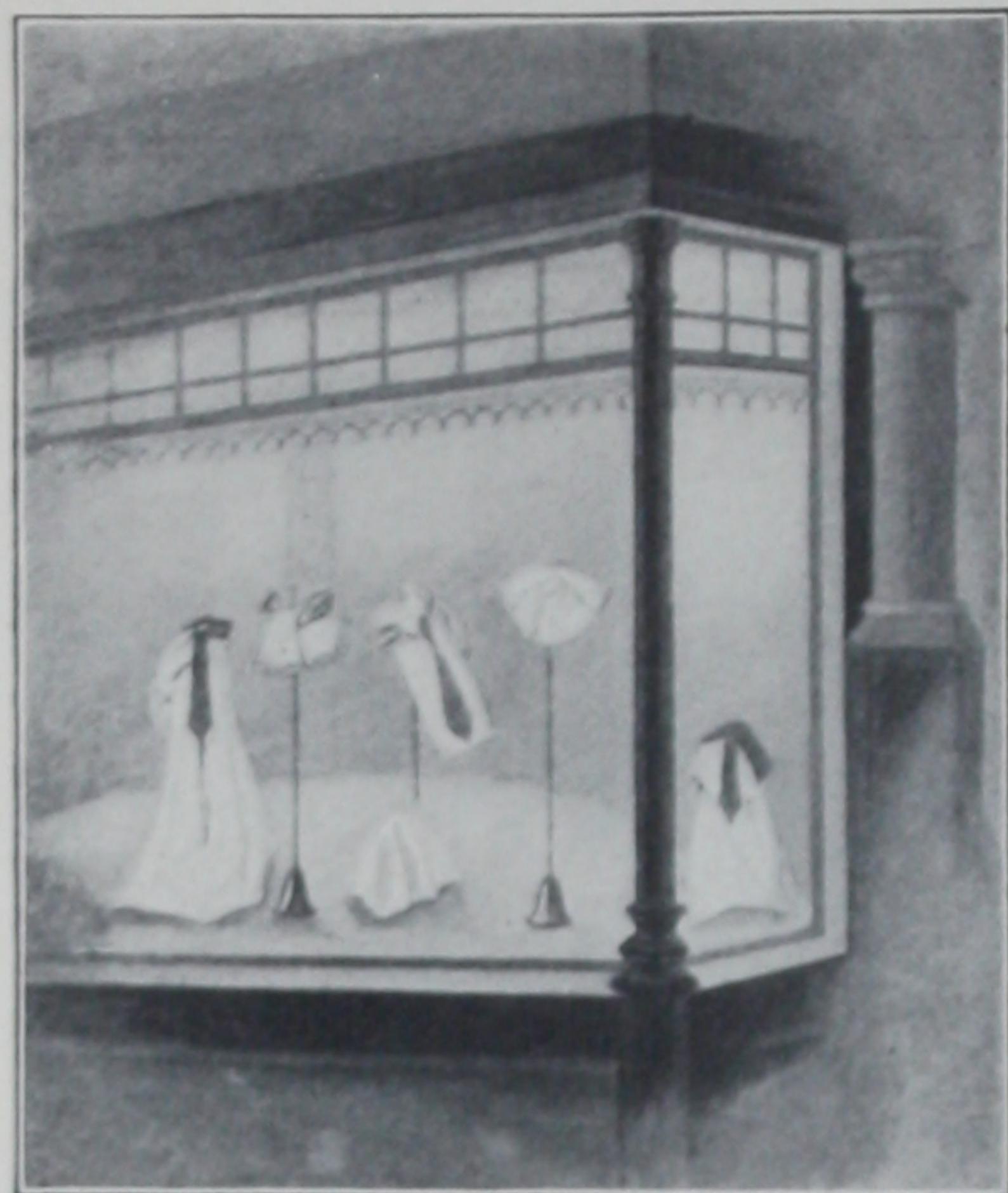


The Light that Shines in the Workman's Eyes

is a handicap that shows both in the quality and quantity of his work. It isn't fatal, but is one of those innumerable "LITTLE THINGS" which in the aggregate make such a difference in the profits.

D'Olier

Universal Sockets and Shades

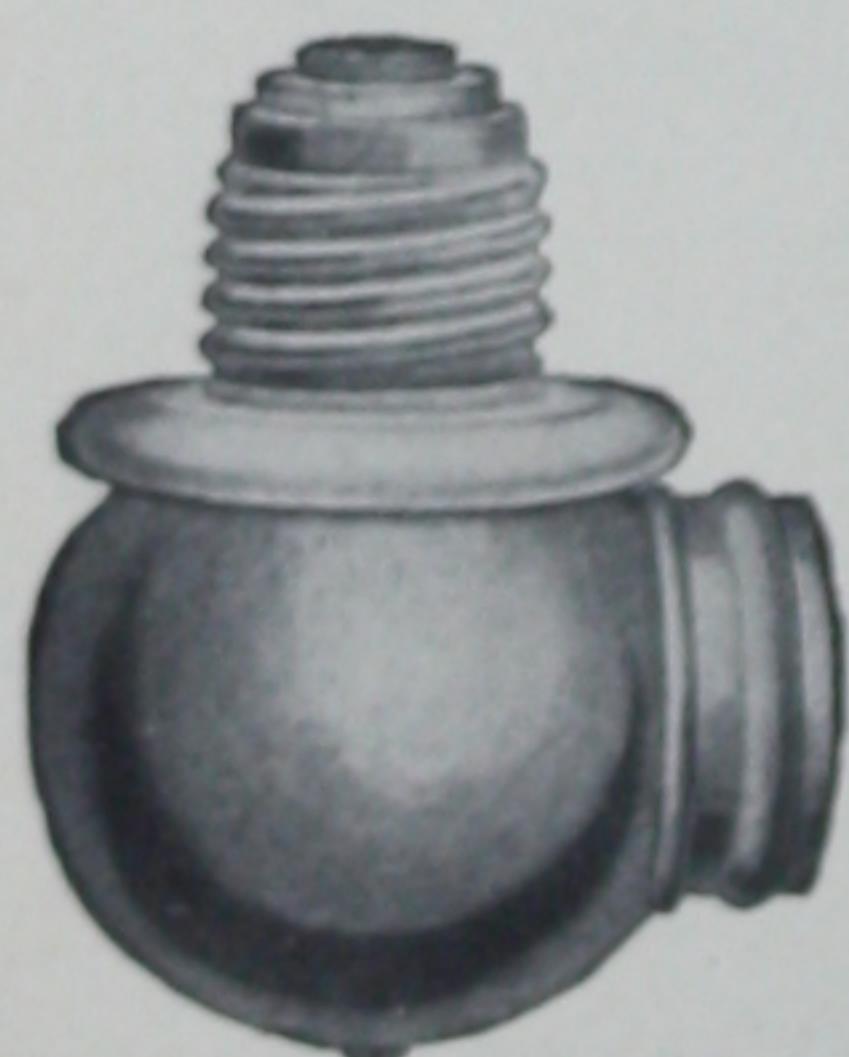


The incandescent lamp used in show-window lighting should be arranged so as not to be seen from the outside or street. The above cut shows a window light with standard lamps used with the D'OLIER UNIVERSAL SOCKETS AND SHADES.

No. 602 or No. 402 will evenly illuminate the material in the window, without making one part of the window brighter than another, as is the case with other styles of window reflectors.



Our style Nos. 402, 802, 202 and 602 may be arranged on the upper part of the window as shown in the above cut by using a standard receptacle. Any number of lights may be equally spaced without the bulky row reflector.

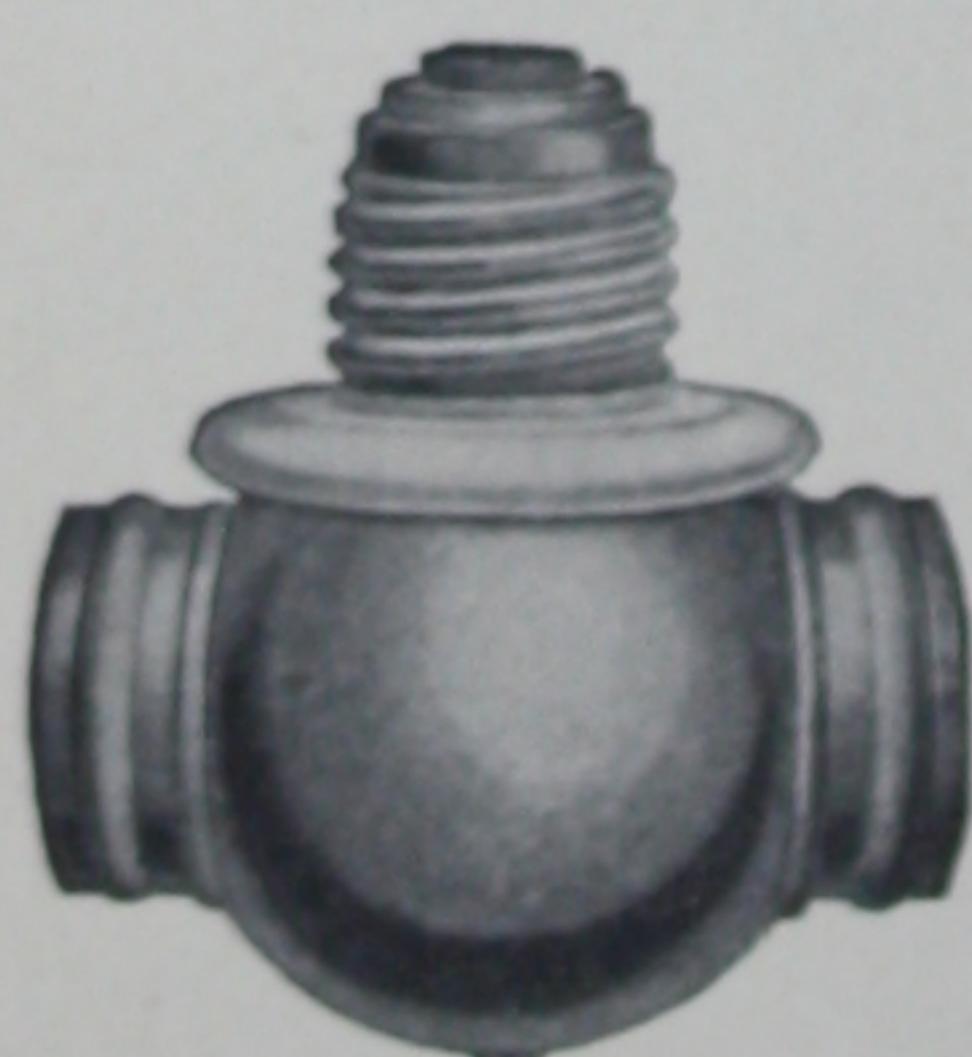


No. 83

D'Olier Balanced Rotary Socket

The D'OLIER Balanced Rotary Socket allows a lamp to be suspended in a horizontal position, and also rotate around the axis of the cord or socket. Any of our standard half shades may be used with this socket.

No. 83. Dipped Brass, each, \$1.25



No. 84

D'Olier Rotable Twin Socket

The Rotable Twin Socket allows the same advantages as the single Rotating Socket, with the additional advantage of permitting two lights or an attachment plug for fan connection.

No. 84. Dipped Brass, each, \$1.25

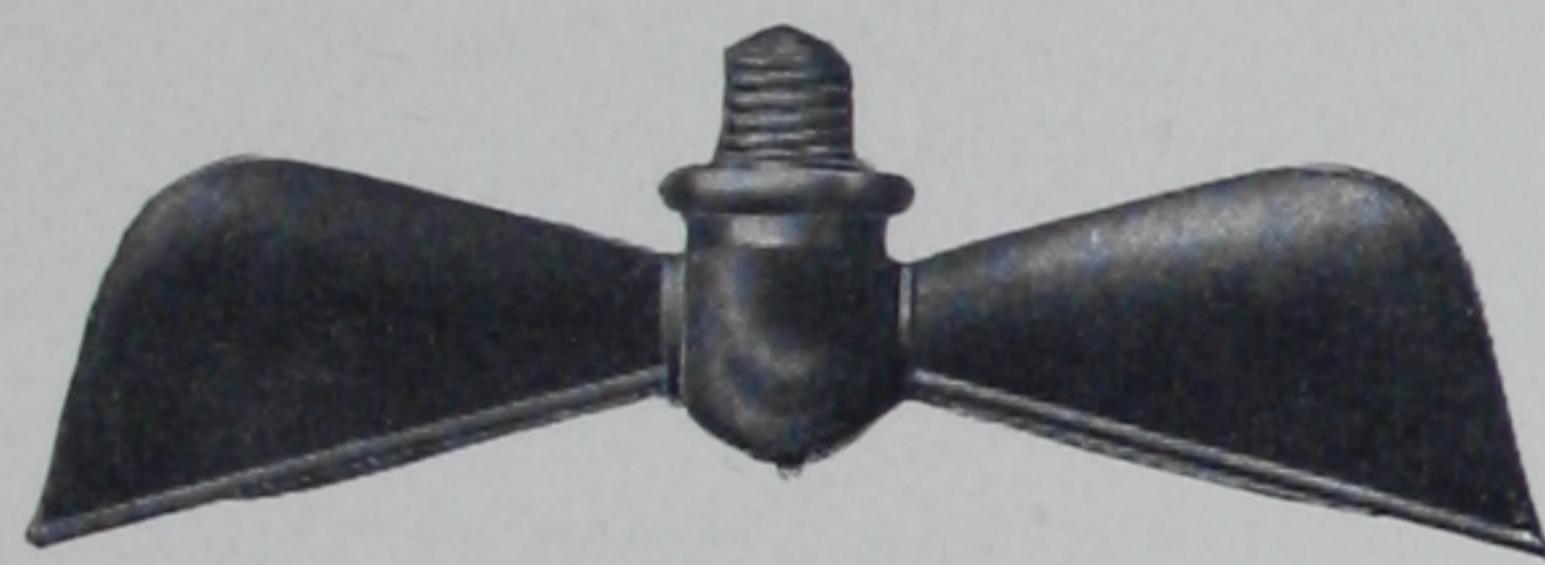
D'OLIER

Universal Sockets and Shades



No. 302

No. 302 shows a style of Universal Socket and Shade which is best adapted for good results in lighting when the lamp is to be used close to the work, as the shade used on this fitting radiates light over a large area.



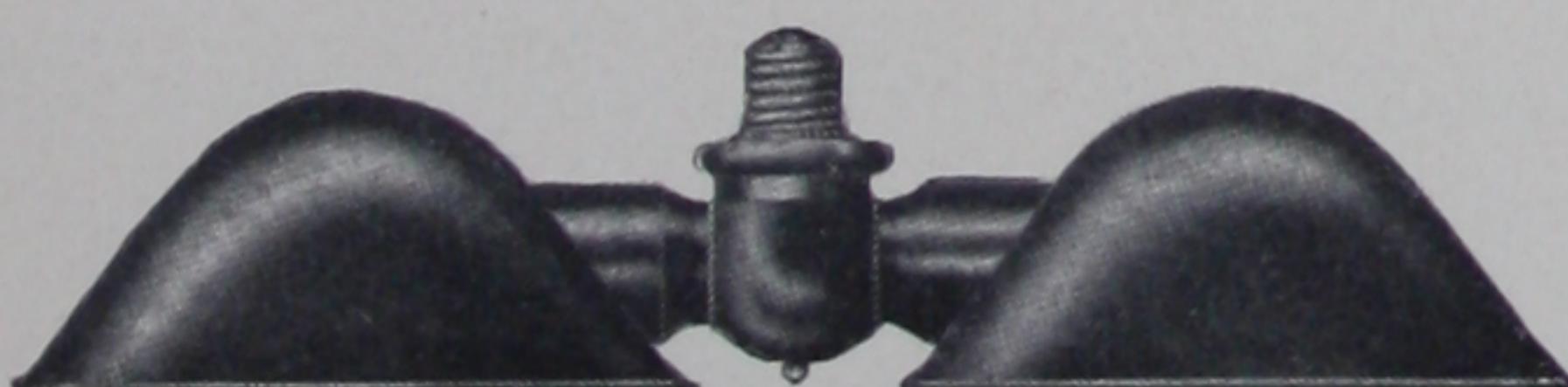
No. 402

No. 402 allows the use of two eight-candle-power lamps instead of one sixteen-candle-power lamp; two sixteen-candle-power lamps instead of one thirty-two-candle power. The distribution of light from the style No. 402 gives even illumination over a large area when the lamps are to be used close to the material to be lighted.



No. 902

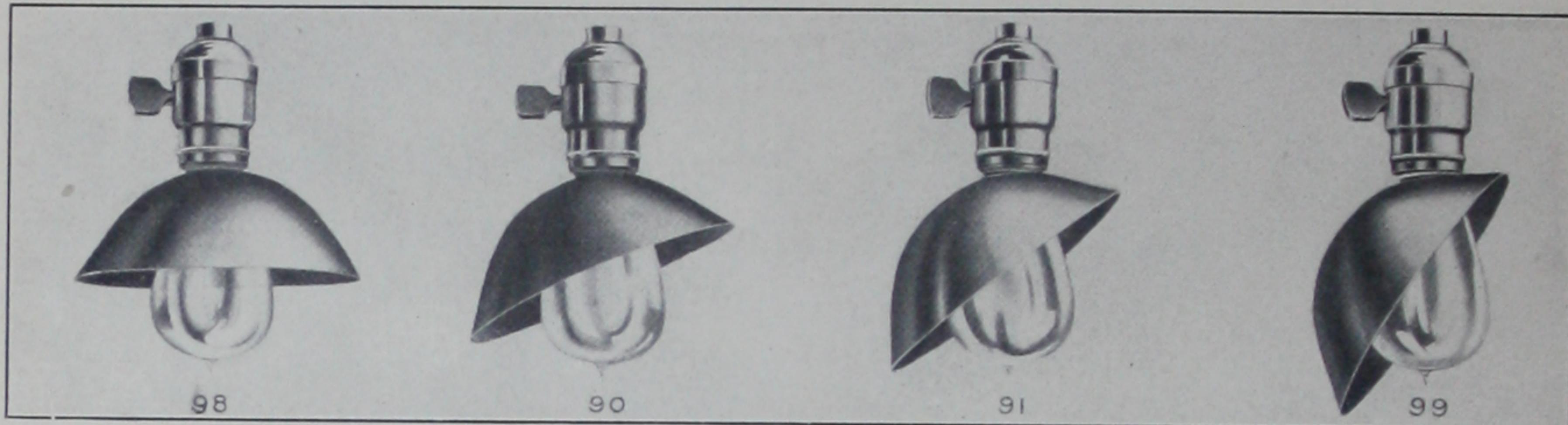
No. 902 will concentrate the light over a smaller area than the No. 302. When the lamp is to be used far from the material to be lighted, or when a stronger light is to be used on a small area, style No. 902 gives the best effects.



No. 602

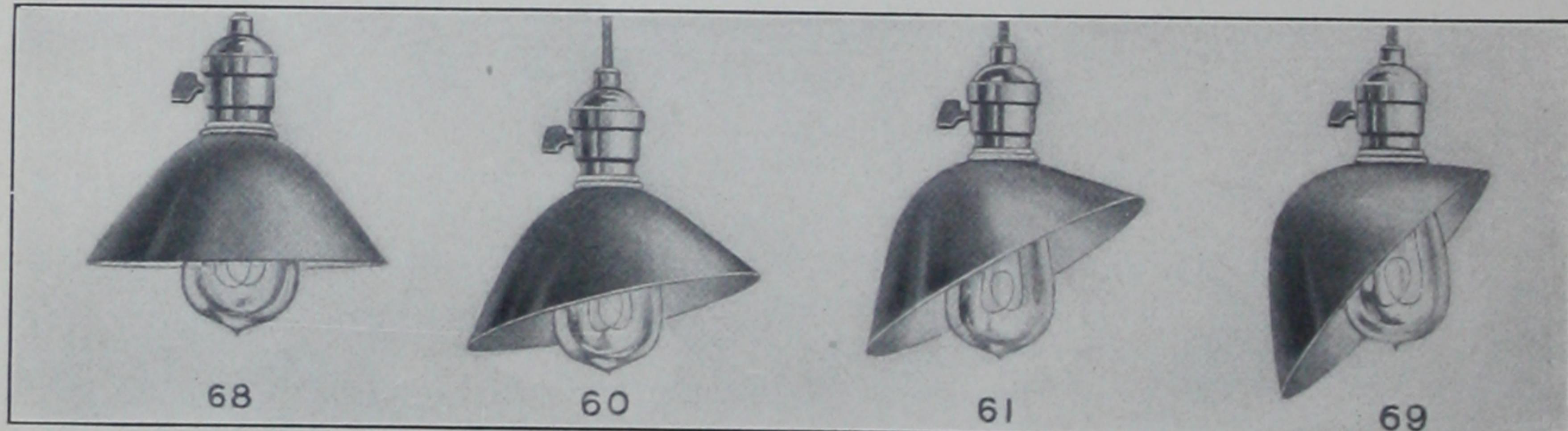
No. 602 allows two smaller candle-power lamps to be used instead of increasing the candle power of one lamp. No better shade fitting is more effective for very bright illumination when the lamps are to be used six or ten feet away from the material to be lighted.

Shades



Catalogue Number	Diam. Inches	Depth Inches	Angle Degr's	Standard Finish Per dozen	Special Finishes Per dozen
90,	5	1 3/4	15°	\$1.10	\$1.40
91,	5	1 3/4	30°	1.10	1.40
98,	5	1 3/4	Horizontal	1.10	1.40
99,	5	1 3/4	45°	1.10	1.40

Nos. 98, 90, 91, 99 have a hole punched in the form which allows the shade to be supported by the lamp itself. The shade does not depend upon the socket or holder for support.



Catalogue Number	Diam. Inches	Depth Inches	Angle Degr's	Standard Finish Per dozen	Special Finishes Per dozen
60,	5 1/4	2 1/4	15°	\$1.20	\$1.50
61,	5 1/4	2 1/4	30°	1.20	1.50
68,	5 1/4	2 1/4	Horizontal	1.20	1.50
69,	5 1/4	2 1/4	45°	1.20	1.50

Nos. 68, 60, 61, 69 have an attached shade-holder and are supported on the socket and may be rotated, thus enabling the light of the lamp to be directed to any location

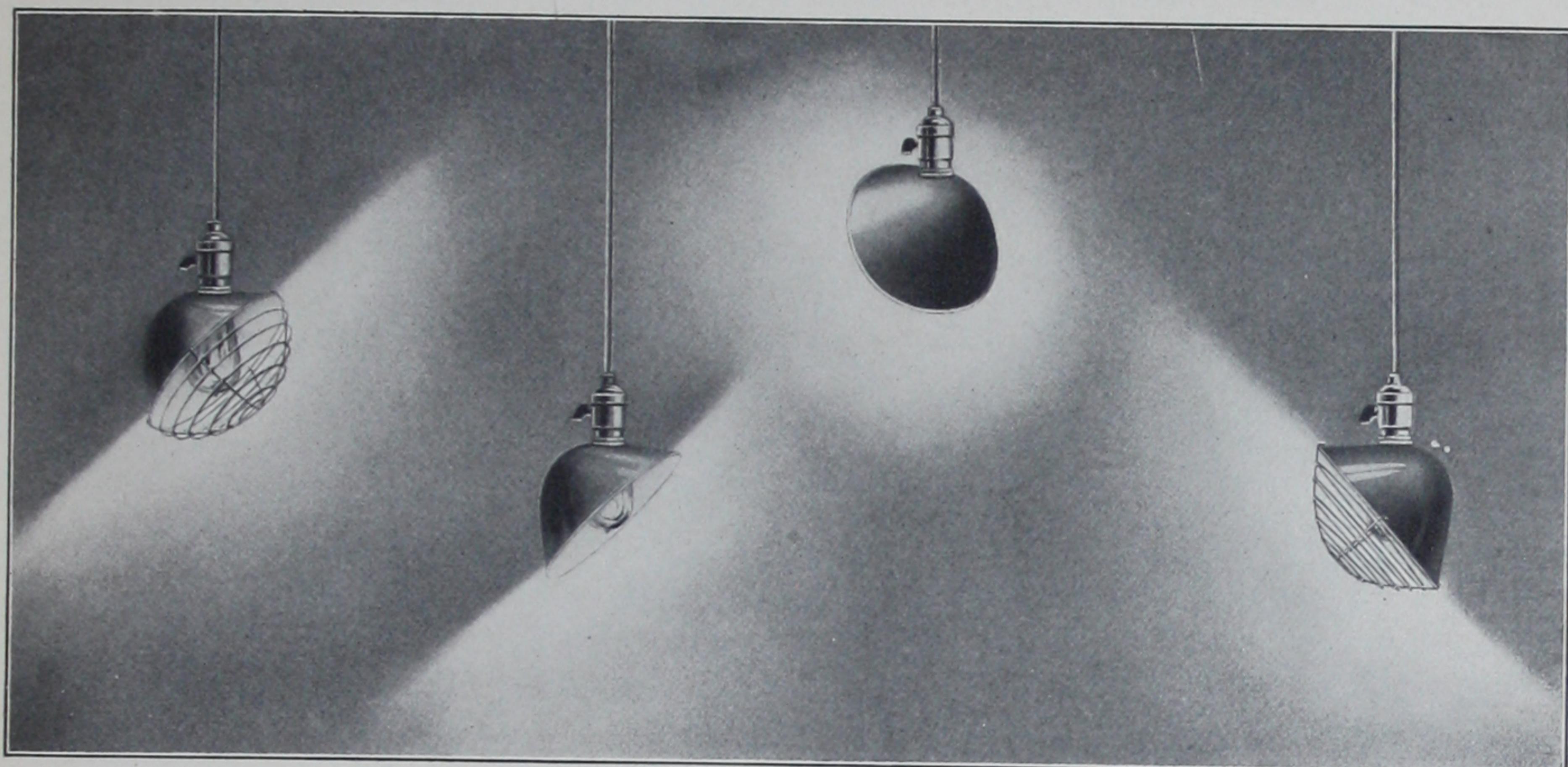
Standard Finish—Green Enamel

Special Finish—See Page 16

Standard Package—72—One Style—One Finish

Metal Shades

Wherever You Need Light You Want Light



The No. 39 Rotating Shade in four different positions, with and without wire guard.

How to secure the proper amount of good light on the work is a problem. You have had considerable experience in the need of good light, and we have made the subject a special study.

You cannot get more light out of a lamp than the lamp will give, but you can use the light given out to the best advantage.

Our angle rotating Steel Shade will allow the greater part of the light of the lamp to be used where it is most needed. It does not make the shop dark, for the shade hangs at an angle which allows a considerable amount of the light of the lamp to go directly above, while the workman is protected from the glare of the direct light of the lamp. Instead of seeing a bright light, you can see the work that the light is radiated on.

A good light on the work means accurate and quick measurements.

A good light on the work means tool conditions to be noticed promptly.

A good light on the work enables blemishes and defects to be discovered.

All of these are important factors in the quantity and quality of work produced; and an investment in shades for your lamps will without a doubt give you possibilities of increased output of materials.

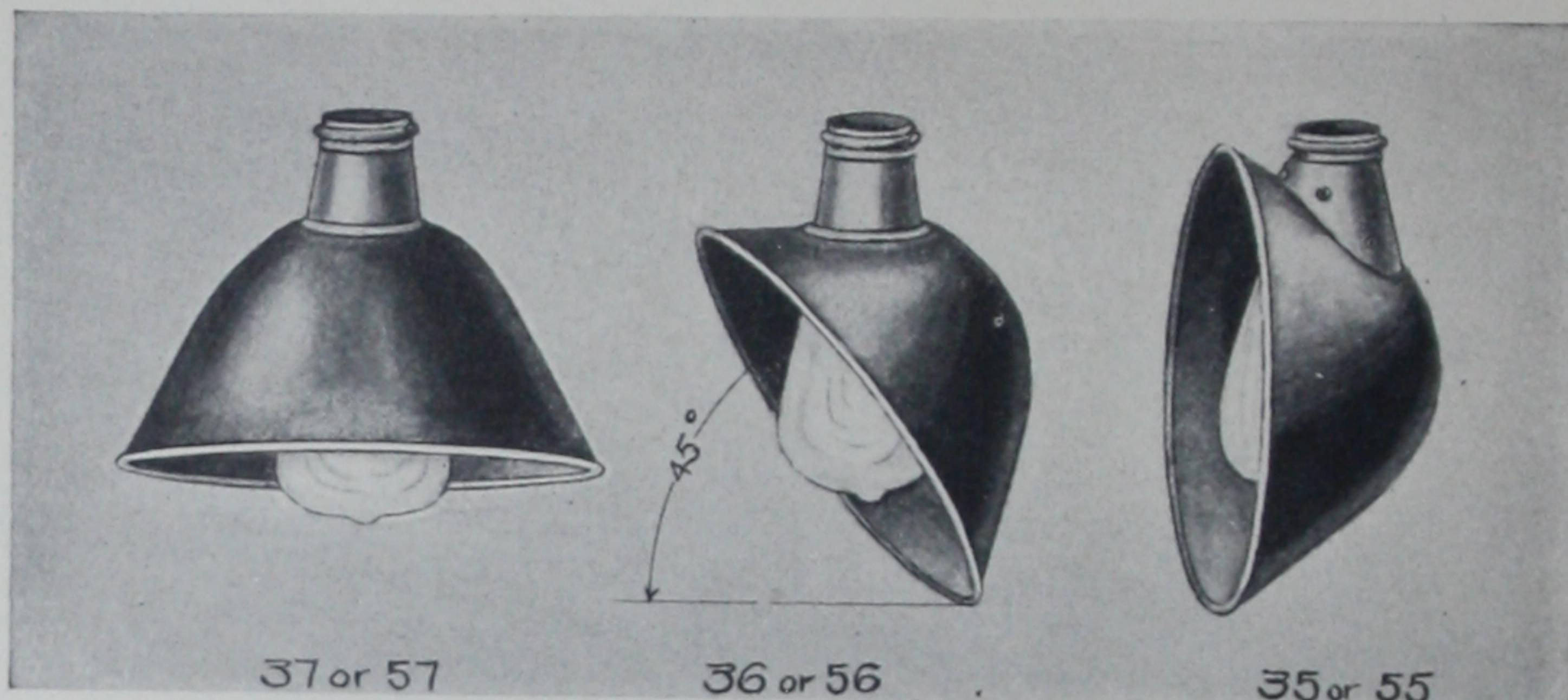
Although you have a generally artificially lighted shop, yet you need a local light.

Although you have a day-lighted shop, yet you need local artificial lighting in dark places.

Although you are using 16 candle-power Lamps, yet an 8 candle-power with a shade may give you sufficient light.

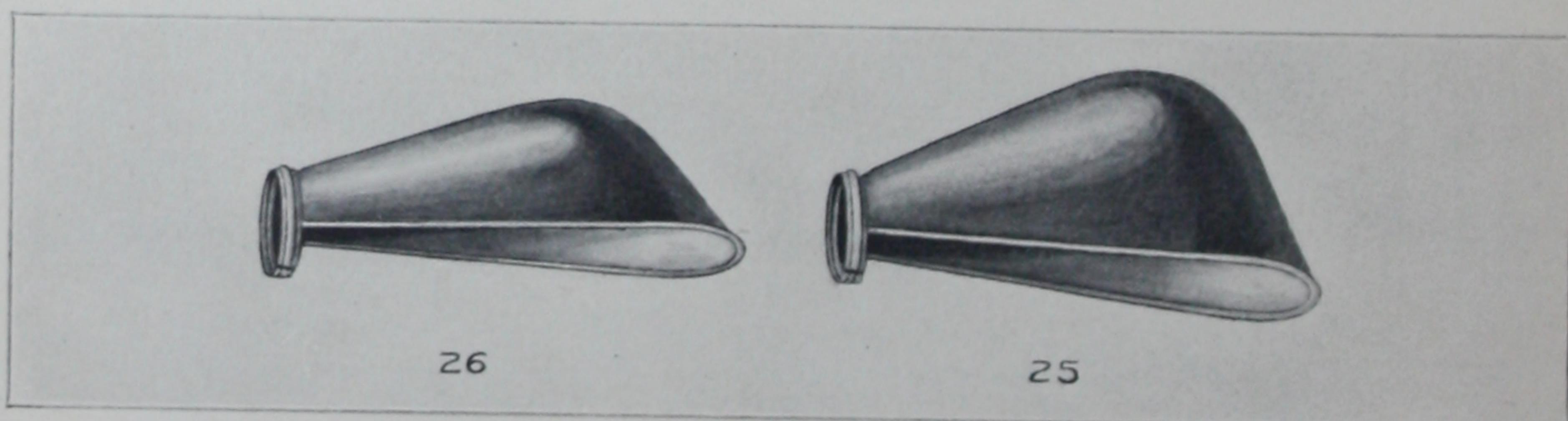
Shades

All shades have an attached shade-holder (no extra shade-holder required)
The inside surface has a satin aluminium finish, which diffuses a mellow, white light



Catalogue Number	Diam. Inches	Depth Inches	Angle Degrees	Standard Finish Per dozen	Special Finishes Per dozen
35. Parabola ex. sh. holder, 6		2 1/2	90°	\$3.00	\$4.50
36. " " " " 6		2 1/2	45°	3.00	4.50
37. " " " " 6		3 3/4	Horizontal	3.00	4.50
55. " " " " 6 1/2		3	90°	4.20	6.00
56. " " " " 6 1/2		3	45°	4.20	6.00
57. " " " " 6 1/2		4 1/4	Horizontal	4.20	6.00

When using shades with extended holders, the lamp is nearly concealed by the shade and the light of the lamp is concentrated more than with the shade without the extended holder.



Catalogue Number	Diam. Inches	Depth Inches	Angle Degrees	Standard Finish Per dozen	Special Finishes Per dozen
25. Half Shade, 5 5/8		2 1/2	Horizontal	\$2.00	\$3.00
26. " " 5 5/8		1 5/8	"	2.00	3.00

With the D'OLIER No. 25 OR 26 HALF SHADE you need no extra shade holder. The inside surface of the shade is finished so as to diffuse a soft white light over a large area. The Shade can be adapted to show-window, picture-lighting, portable desk lamps, etc.

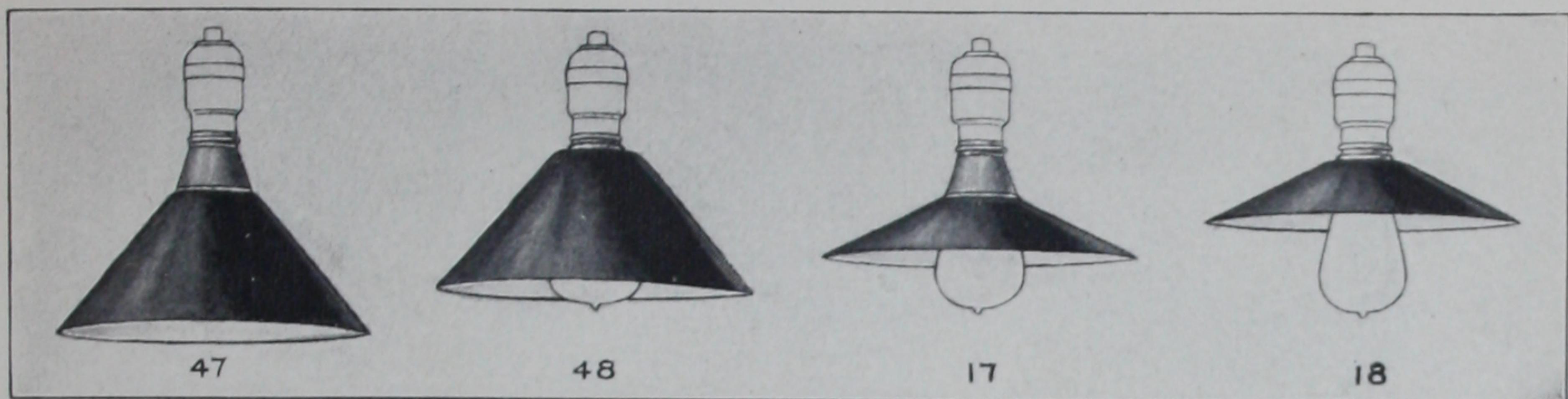
You may think the shade concentrates the light—it does not, on the contrary the light is radiated over a very large area.

Standard Finish—Green Enamel

Special Finish—See page 16

Standard Package—72—One Style—One Finish

Shades



47

48

17

18

47-22

48-21

17-20

18-19

Catalogue Number	Diameter Inches	Depth Inches	Angle Degrees	Standard Finish Per dozen	Special Finishes Per dozen
47. Cone ext. sh. holder, . . . 7	7	4	Horizontal	\$3.00	\$4.50
48. Cone, 7	7	3	"	2.00	3.25
21. Cone, 8	8	3½	"	2.50	3.13
22. Cone, extended holder, . . 8	8	4½	"	3.50	4.38
17. Flat with ext. sh. hdr., . . 7	7	2¼	"	2.50	3.90
18. Flat, 7	7	1¼	"	1.50	2.65
19. Flat, 8	8	1¼	"	1.75	2.19
20. Flat, extended holder, . . 8	8	2¼	"	2.75	3.44

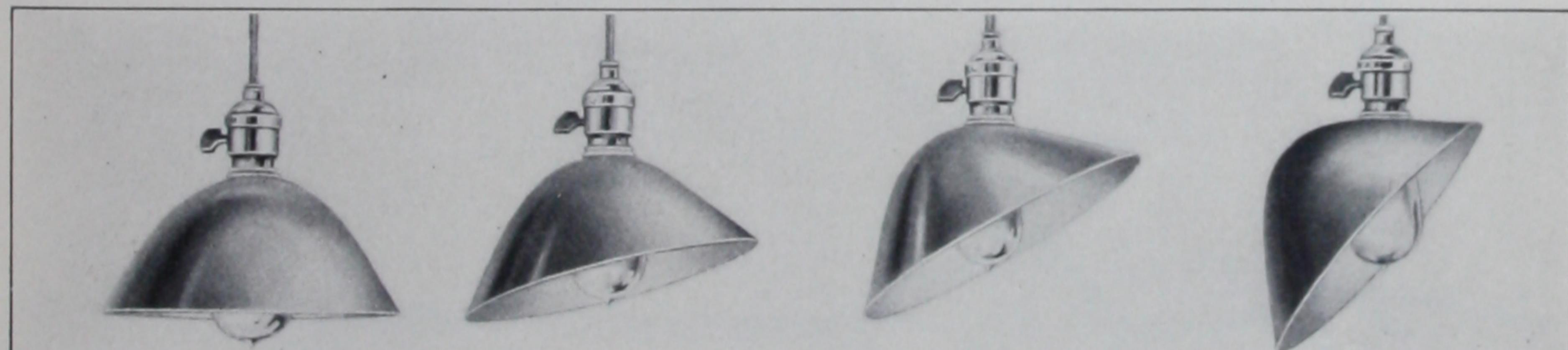
The Cone shade without the extended holder, Nos. 48-21 have an attached shade-holder, the shade being but 7 and 8 inches in diameter allows the inside surface to be close to the filament of the lamp, giving the shade greater power of radiation.

Nos. 47-22 are respectively 7 and 8 inches in diameter with extended holder which allows the shade to come down closer to the lamp filament than the Cone shade without the holder. By the extended holder the light of the lamp is concentrated, thus ensuring greater illumination in a smaller area.

Nos. 18-19 are respectively 7 and 8 inches in diameter and allow broad diffusion of the light when the lamps are placed for general illumination close to the ceiling.

Nos. 17-20 are 7 and 8 inches in diameter respectively and have extended holders which allow the radiating surface of the shades to come down to the filament of the lamp, thus effecting a greater illumination over a smaller area than the same shade without the extended holder.

We do not make a larger shade than 8 inches in diameter. We find the 7-inch shade the most efficient. Large diameter shades are not as efficient as small, the closeness of the radiating surface to the filament of the lamp and the position that the radiating surface of the shade takes with the extended holder allows the efficiency of the radiation to be increased.



38-58-78

30-50-70

31-51-71

39-59-79

Catalogue Number	Diameter Inches	Depth Inches	Angle Degrees	Standard Finish Per dozen	Special Finishes Per dozen
30. Parabola shade, 6	6	2½	15°	\$2.40	\$3.75
31. Parabola shade, 6	6	2½	30°	2.40	3.75
38. Parabola, 6	6	2¾	30°	2.40	3.75
39. Parabola, 6	6	2½	45°	2.40	3.75
50. Parabola, 6½	6½	3	15°	3.60	5.25
51. Parabola, 6½	6½	3	30°	3.60	5.25
58. Parabola, 6½	6½	3	Horizontal	3.60	5.25
59. Parabola, 6½	6½	3	45°	3.60	5.25
70. Parabola, 8	8	4¼	15°	4.80	6.00
71. Parabola, 8	8	4½	30°	4.80	6.00
78. Parabola, 8	8	4¼	Horizontal	4.80	6.00
79. Parabola, 8	8	4¼	45°	4.80	6.00

Nos. 38-30-31-39 are supported by an attached shade-holder to the socket, and the angle shades may be rotated around the lamp.

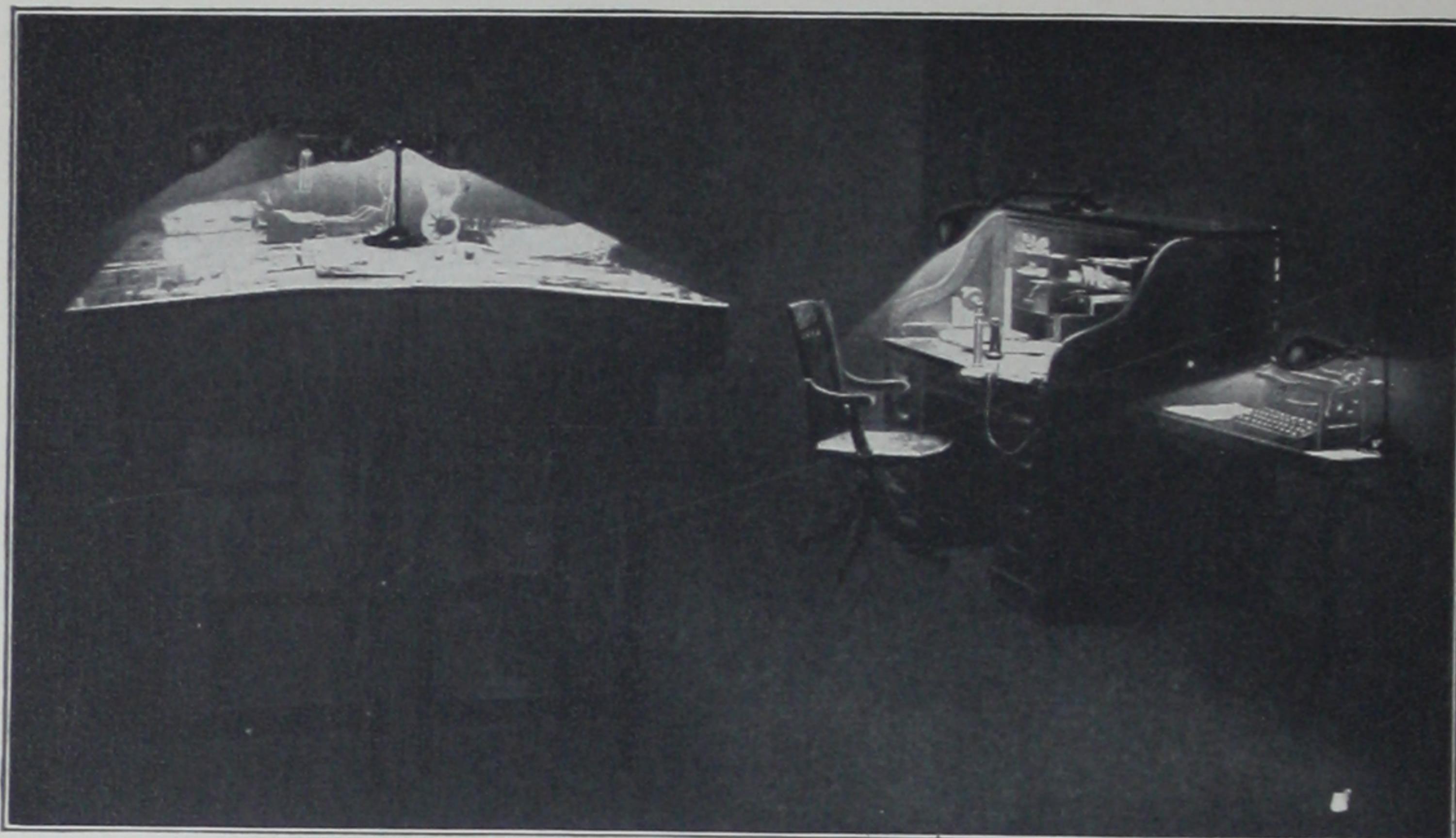
Nos. 58-50-51-59 being larger, conceal the lamp more than the smaller size.

Nos. 78-70-71-79 are the largest style shades we manufacture, which conceal the lamp entirely from view.

Standard Finish—Green Enamel. Special Finish—See page 16.
Standard Package 72—One Style—One Finish.

Solier

Adjustable Portable



Wherever You Need Light You Want Light

that is white and mellow—free from glare. You can get it with a D'OLIER ADJUSTABLE PORTABLE. Maximum illumination at least cost. Use an eight-candle-power standard incandescent lamp.



Price, \$3.50

Wired Complete, including Six Feet of Cord, Attachment Plug,
Key Socket and Shade

No.
110 Dipped Brass
111 Brushed Brass
112 Polished Brass

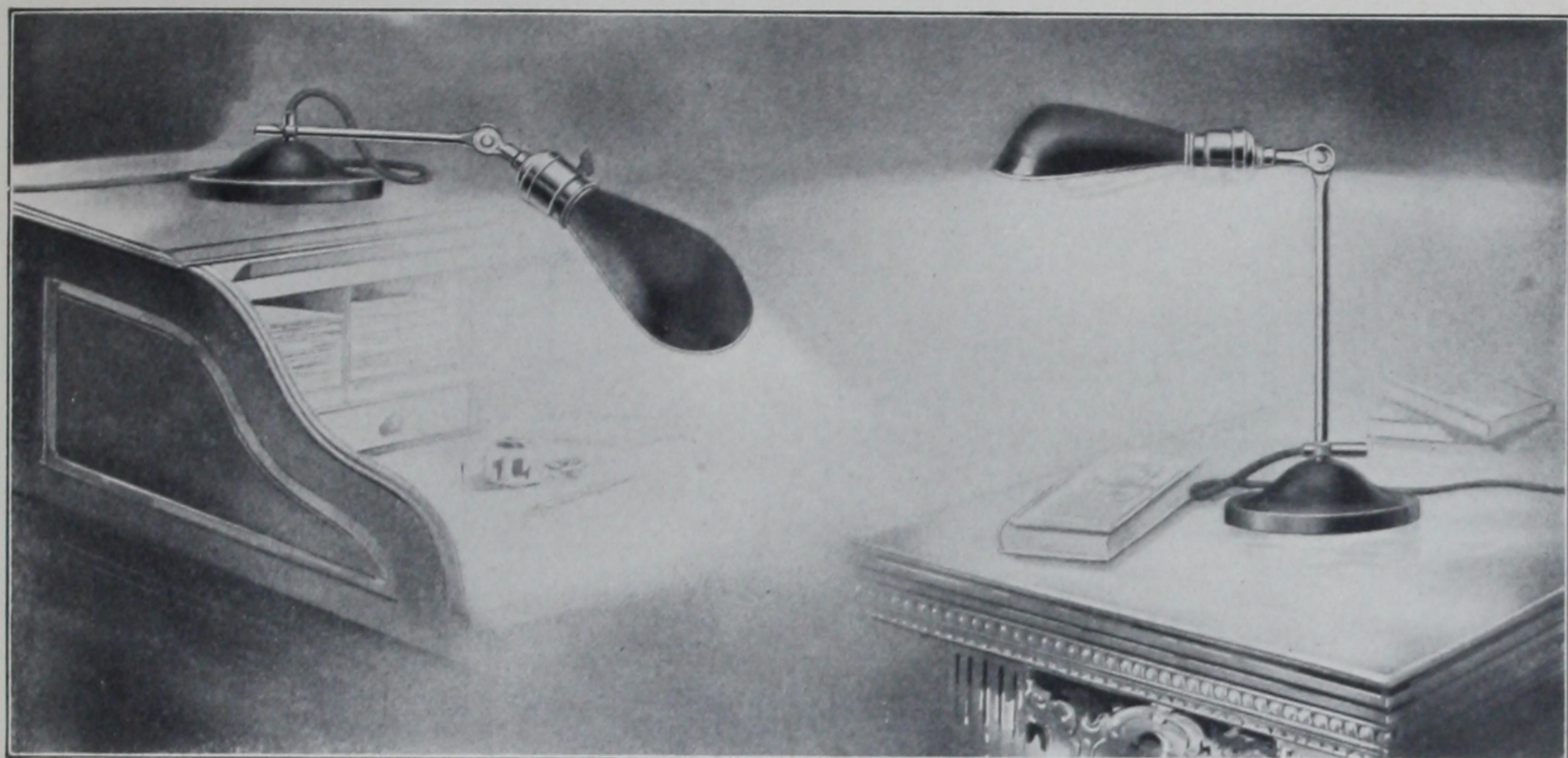
No.
113 Oxidized Brass
114 Polished Copper
115 Brushed Copper

Finishes
No.
116 Oxidized Copper
117 Nickel
118 Gun Metal Black

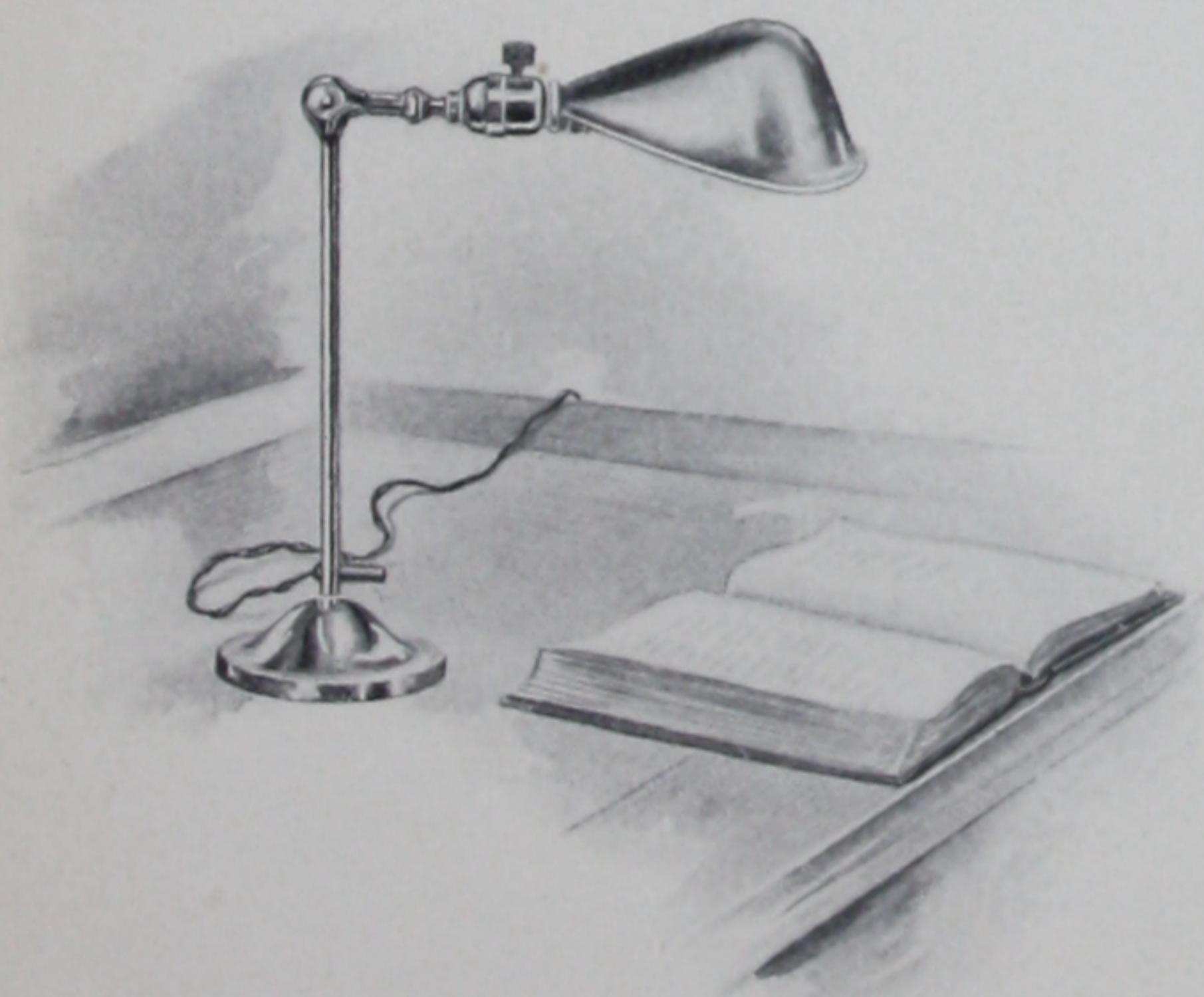
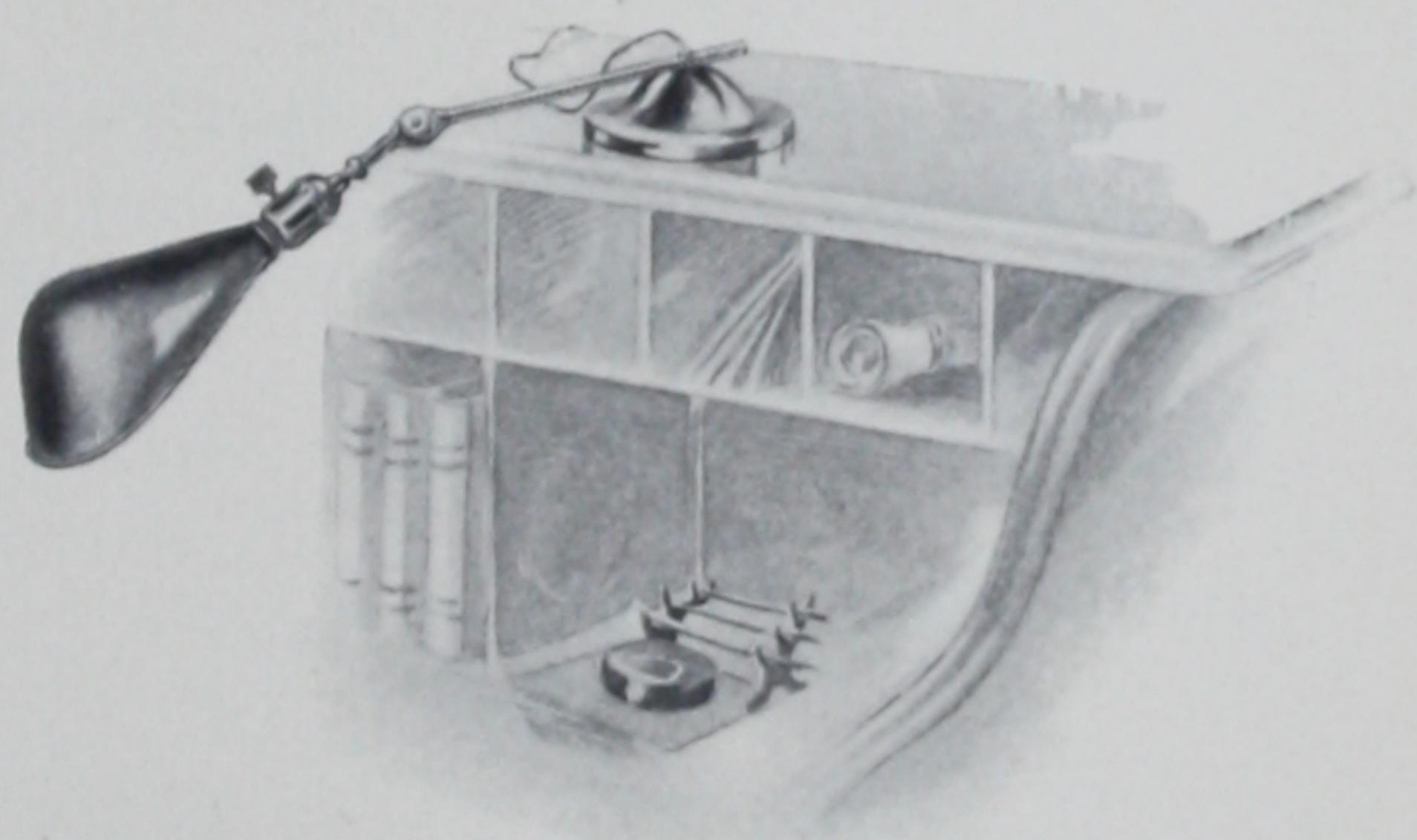
No.
119 Dull Black
120 Verde Brass

The above shows the Portable with square base and stem, in three different positions:—Vertical, 45 degrees and horizontal. The stem hinges close to the lamp and close to the base, which allows any position of the stem, and the shade rotates around the socket, thus enabling the user to adjust the stem and shade, and direct the effects of the light where desired.

Adjustable Portable



Can be Instantly
Changed
from a Vertical
to a Horizontal
Position



Price, \$3.08
Wired Complete,
Including
Six Feet of Cord,
Attachment Plug,
Key Socket
and Shade

Finishes

No.
1. Dipped Brass
2. Brushed Brass
3. Oxidized Copper

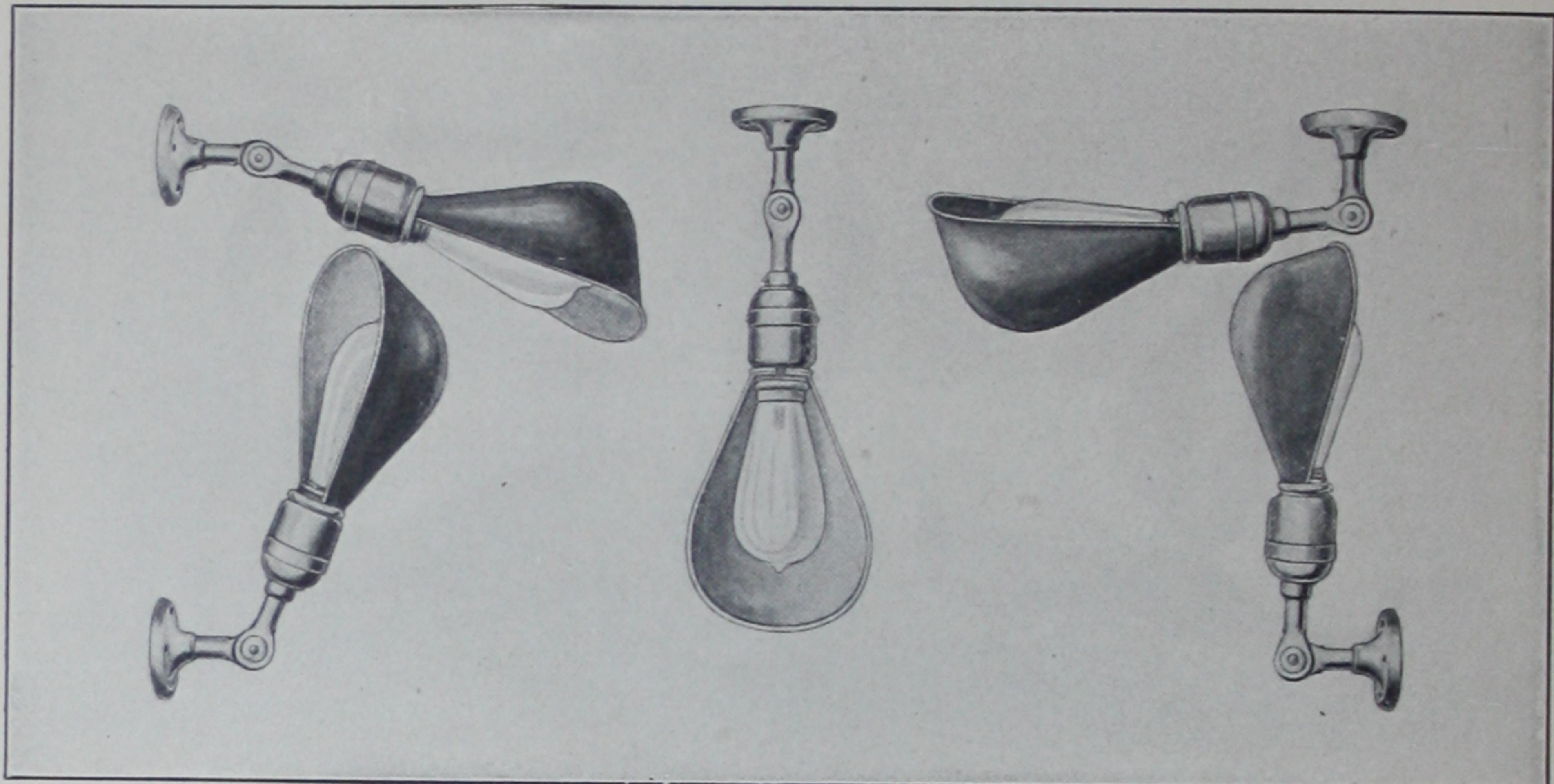
No.
4. Nickel
5. Gun Metal Black
6. Polished Brass

No.
8. Oxidized Brass
9. Polished Copper
10. Brushed Copper

No.
11. Dull Black
12. Verde Brass

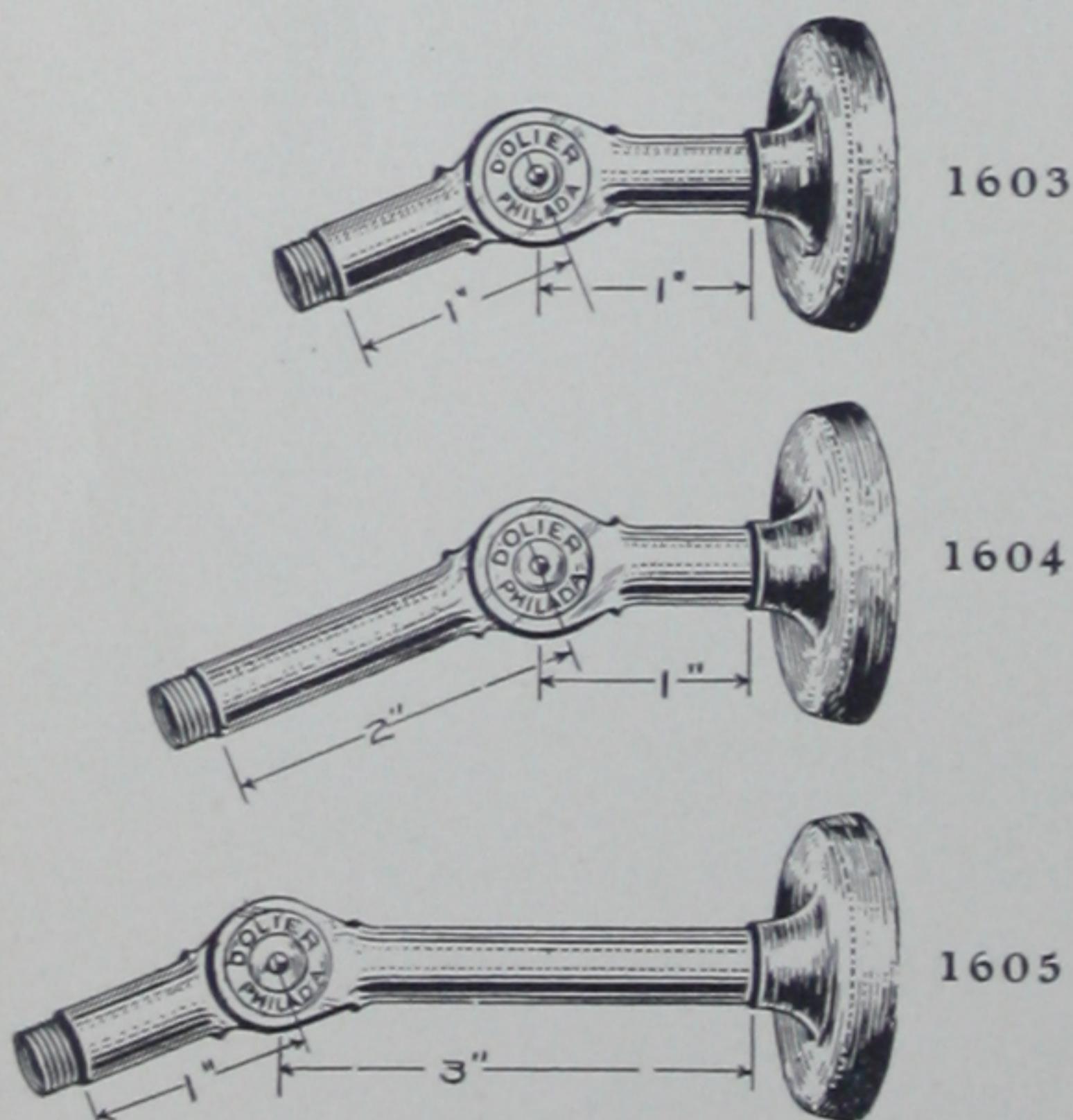
D'Oliver

Adjustable Brackets



The above brackets are complete with back, adjustable stem and shade. The hinge-joint in the bracket may take any position, and the shade rotates around the socket, enabling the bracket and shade to be used for window lighting, switchboard-instrument lighting, etc.

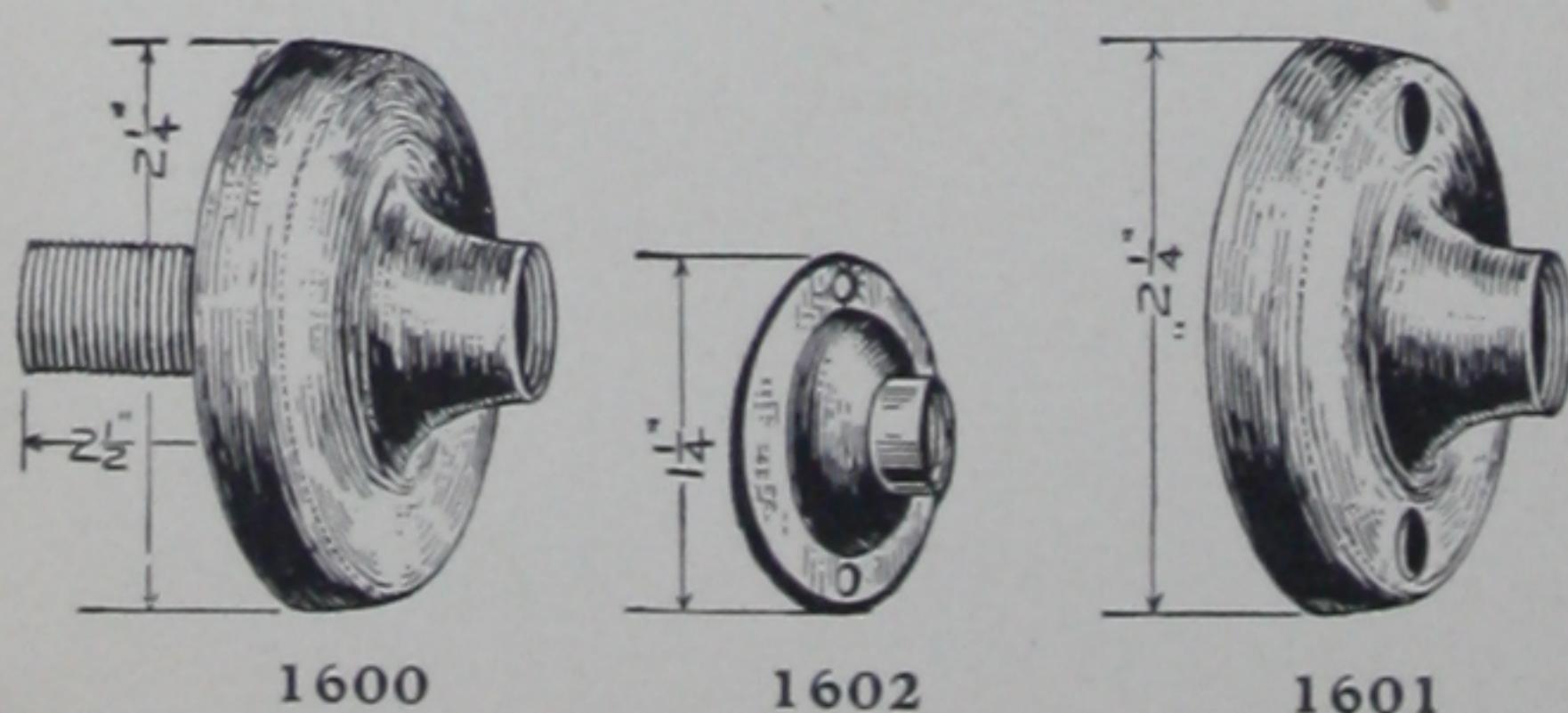
Adjustable Bracket



Standard Finish (Back Plate Extra)

	Each	Per doz.
1603 (1" x 1"),	\$0.20	\$2.40
1604 (2" x 1"), . . . . .	.24	2.88
1605 (1" x 3"), . . . . .	.28	3.36
1606 (1" x 4"), . . . . .	.32	3.84
1607 (1" x 5"), . . . . .	.36	4.32
1608 (1" x 6"), . . . . .	.40	4.80
1609 (1" x 7"), . . . . .	.44	5.28

Bracket Plates



	Each	Per doz.
Switch Board, No. 1600, . . .	\$0.12	\$1.44
Concealed Outlet, No. 1601, . . .	.08	.96
Moulding, No. 1602, . . . . .	.04	.48

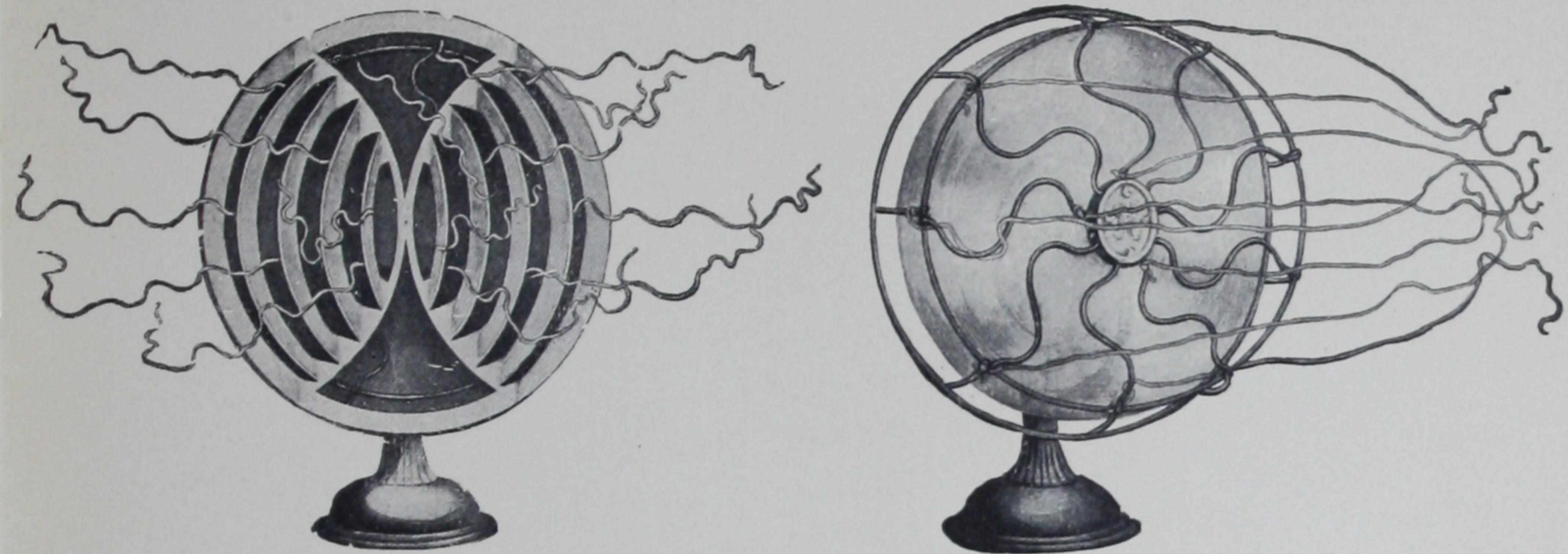
Air Deflectors

There's a Big Difference in Efficiency Between a Fan

WITH

and

WITHOUT



A D'Olier Air Deflector

The ordinary fan allows the air to circulate in but one direction, as illustrated by the ribbons.

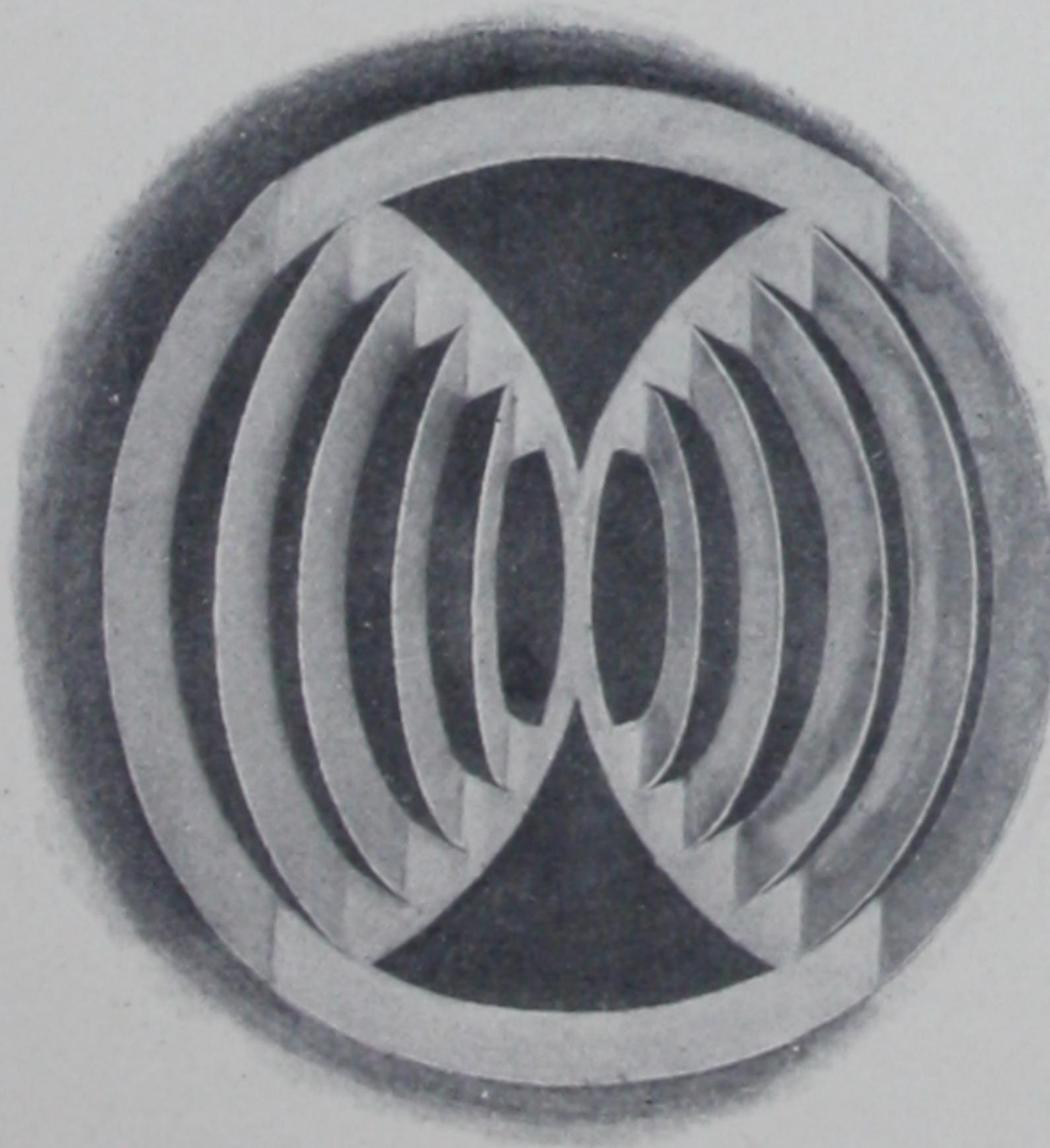
The fan with the D'Olier Air Deflector attached shows the ribbons blowing in all directions, thus demonstrating the general distribution of air.

Simplicity
Itself

All One Piece
No Parts to
Get Loose
and Out of
Order

Easily
Attached

Can be
Placed on a
Desk or
Bracket Fan
Instantly



Patented, November, 1905

Two Sizes

No. 85. For 12-inch Fan Guard, Price,	\$1.50 each
No. 86. For 16-inch Fan Guard, Price,	2.50 each

D'Olier

Index of Numbers

Catalogue Number

1 Dipped Brass
2 Brush Brass
3 Oxidized Copper
4 Nickel
5 Gun Metal Black
6 Polished Brass
8 Oxidized Brass
9 Polished Copper
10 Brush Copper
11 Dull Black
12 Verde Brass

Round Portable

See page 13

Each, \$3.08

Shades

	Diam. In.	Depth In.	Angle Degrees	Stand. Per Dozen	Special Finish Per Dozen
17 Flat with ext sh. holder	7	2 1/4	Horizontal	\$2.50	\$3.90
18 "	7	1 1/4	"	1.50	2.65
19 "	8	1 1/4	"	1.75	2.19
20 " extended holder	8	2 1/4	"	2.75	3.44
21 Cone	8	3 1/2	"	2.50	3.13
22 " extended holder	8	4 1/2	"	3.50	4.38
23 Half Cone	7	2	"	2.00	2.50
24 " " ext. holder	7	3	"	3.00	3.75
25 Half Shade	5 5/8	2 1/2	"	2.00	3.00
26 " "	5 5/8	1 5/8	"	2.00	3.00
27 Half Cone	8	2 1/2	"	2.50	3.13
28 " " ext. holder	8	3 1/2	"	3.50	4.38
30 Parabola shade	6	2 1/2	15°	2.40	3.75
31 " "	6	2 1/2	30°	2.40	3.75
35 " ext. sh. holder	6	2 1/2	90°	3.00	4.50
36 " " "	6	2 1/2	45°	3.00	4.50
37 " " "	6	3 3/4	Horizontal	3.00	4.50
38 Parabola	6	2 3/4	"	2.40	3.75
39 " "	6	2 1/2	45°	2.40	3.75
47 Cone ext. sh. holder	7	4	Horizontal	3.00	4.50
48 "	7	3	"	2.00	3.25
50 Parabola	6 1/2	3	15°	3.60	5.25
51 " "	6 1/2	3	30°	3.60	5.25
55 " ext. sh. holder	6 1/2	3	90°	4.20	6.00
56 " " "	6 1/2	3	45°	4.20	6.00
57 " " "	6 1/2	3	Horizontal	4.20	6.00
58 Parabola	6 1/2	3	"	3.60	5.25
59 "	6 1/2	3	45°	3.60	5.25
60 "	5 1/4	2 1/4	15°	1.20	1.50
61 "	5 1/4	2 1/4	30°	1.20	1.50
68 "	5 1/4	2 1/4	Horizontal	1.20	1.50
69 "	5 1/4	2 1/4	45°	1.20	1.50
70 "	8	4 1/4	15°	4.80	6.00
71 "	8	4 1/4	30°	4.80	6.00
78 "	8	4 1/4	Horizontal	4.80	6.00
79 "	8	4 1/4	45°	4.80	6.00

Rotary Socket

Each

83 Dipped Brass Finish,	.....	\$1.25
84 " " "	.....	1.25

Air-Deflector

Each

85 For 12-inch Fan Guard, Brush Brass Finish,	.....	\$1.50
86 " 16 " " "	.....	2.50

Shades

	Diam. In.	Depth In.	Angle Degrees	Stand. Per Dozen	Special Finish Per Dozen
90 Parabola	5	1 3/4	15°	\$1.10	\$1.40
91 " "	5	1 3/4	30°	1.10	1.40
98 " "	5	1 3/4	Horizontal	1.10	1.40
99 " "	5	1 3/4	45°	1.10	1.40

Universal Sockets and Shades

Catalogue Number

100 Key Socket,	.....	\$2.00	\$2.20
101 Keyless Socket,	.....	1.90	2.09
102 Attachment Plug,	.....	1.70	1.87

Stand. Special Finish Finishes

Square Portable

110 Dipped Brass
111 Brush Brass
112 Polished Brass
113 Oxidized Brass
114 Polished Copper

See page 12

Each, \$3.50

Universal Sockets and Shades

Stand. Special Finish Finishes

200 Key Socket,	.....	\$2.30	\$2.53
201 Keyless Socket,	.....	2.20	2.42
202 Attachment Plug,	.....	2.00	2.20
300 Key Socket,	.....	1.30	1.43
301 Keyless Socket,	.....	1.20	1.32
302 Attachment Plug,	.....	1.00	1.10
400 Key Socket,	.....	1.50	1.65
401 Keyless Socket,	.....	1.40	1.54
402 Attachment Plug,	.....	1.20	1.32
500 Key Socket,	.....	1.30	1.43
501 Keyless Socket,	.....	1.20	1.32
502 Attachment Plug,	.....	1.00	1.10
600 Key Socket,	.....	2.20	2.42
601 Keyless Socket,	.....	2.10	2.31
602 Attachment Plug,	.....	1.90	2.09
700 Key Socket,	.....	2.00	
701 Keyless Socket,	.....	1.90	
702 Attachment Plug,	.....	1.70	
800 Key Socket,	.....	1.50	1.65
801 Keyless Socket,	.....	1.40	1.54
802 Attachment Plug,	.....	1.20	1.32
900 Key Socket,	.....	1.90	2.09
901 Keyless Socket,	.....	1.80	1.98
902 Attachment Plug,	.....	1.60	1.76
1002 Attachment Plug,	.....	2.20	2.42
1100 Key Socket,	.....	1.90	2.09
1101 Keyless Socket,	.....	1.80	1.98
1102 Attachment Plug,	.....	1.60	1.76
1300 Key Socket,	.....	1.30	1.43
1301 Keyless Socket,	.....	1.20	1.32
1302 Attachment Plug,	.....	1.00	1.10
1500 Key Socket,	.....	1.30	1.43
1501 Keyless Socket,	.....	1.20	1.32
1502 Attachment Plug,	.....	1.00	1.10

Bracket Back Plates

Each

1600,	.....	\$0.12
1601,	.....	.08
1602,	.....	.04

Adjustable Bracket

Each

1603 (1 x 1 in.),	.....	\$0.20
1604 (2 x 1 in.),	.....	24
1605 (1 x 3 in.),	.....	28
1606 (1 x 4 in.),	.....	32
1607 (1 x 5 in.),	.....	36
1608 (1 x 6 in.),	.....	40
1609 (1 x 7 in.),	.....	44

Standard Packages

Portables, Universal Sockets and Shades, Rotating Sockets and Air-Deflectors are packed in standard packages of 25 of one style and one finish.

Shades are packed in one style and one finish, standard packages of 6 dozen.

Special Finishes

Oxidized Brass
Polished Brass<br

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